

ColorPASS-Z5000

GETTING STARTED

INCLUDES FIERY® SOFTWARE

Canon

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Introduction

This manual describes how to install the user software for the ColorPASS-Z5000™ and set up printing from Windows and Mac OS computers. For information about setting up network servers and clients to use the ColorPASS-Z5000, see the *Configuration Guide*. For general information on using the color copier, your computer, your application software, or your network, see the manuals that accompany those products.

NOTE: The term “ColorPASS” is used in this manual to refer to the ColorPASS-Z5000 Color Server.

The ColorPASS supports the CLC5000 color copier.

Media pack

Your ColorPASS includes a customer media pack containing:

- User Software CD
- System Software CD(s) (for service use only)
- Adobe Type Manager CD
- Kodak Gray Scale Package
- Documentation
- Warranty Card
- *Release Notes*

About the documentation

This manual is part of the set of ColorPASS documentation, which includes the following manuals for users and system administrators:

- The *Configuration Guide* explains basic configuration and administration of the ColorPASS for the supported platforms and network environments. It also includes guidelines for setting up UNIX, Windows NT 4.0, and Novell NetWare servers to provide Adobe PostScript printing services to clients.
- *Getting Started* describes how to install software to enable users to print to the ColorPASS. Specifically, it describes installation of the PostScript printer drivers, printer description files, and other software provided on the User Software CD. It also explains how to connect each user to the network.
- The *Printing Guide* describes the printing features of the ColorPASS for users who send jobs via remote workstations on the network.
- The *Color Guide* provides information on managing the color output of your ColorPASS. It addresses concepts and issues associated with printing to the ColorPASS and outlines key workflow scenarios. This manual explains how to calibrate your copier and take advantage of the ColorWise® color management system as well as features in ColorWise Pro Tools™. In addition, the *Color Guide* offers information on printing from popular Windows and Mac OS applications.
- The *Job Management Guide* explains the functions of the Fiery client utilities, including the Command WorkStation™, and how they can be used to manage jobs. This book is intended for an operator or administrator, or a user with the necessary access privileges, who needs to monitor and manage job flow, perform color calibration, and troubleshoot problems that may arise.
- *Release Notes* provide last-minute product information and workarounds for some of the problems you may encounter.

Specifications

- Dual Pentium III, 700MHz CPU
- 512MB RAM
- 18.2GB hard disk drive
- An internal 250 MB removable cartridge Iomega Zip drive
- Supports AppleTalk, TCP/IP, and IPX protocols simultaneously
- Supports Port 9100
- Supports thinnet unshielded twisted pair (Fast Ethernet 100BaseTX or Ethernet 10BaseT)
- Supports Adobe PostScript 3
- Includes 136 fonts (126 Adobe Type 1 PostScript and 10 TrueType)

In addition, two Adobe Multiple Master fonts are included and are used for font substitution in PDF files.

- Built-in ColorWise color management and NetWise™ networking management
- Fiery WebTools™
- ColorWise Pro Tools, Fiery Downloader™, Fiery Link™, and Fiery Spooler™ (Mac OS only,) client utilities
- Fiery Scan™ plug in
- Command WorkStation™ (Windows only) software
- Supports Freeform™
- Supports Token Ring networking (available as an option)
- Supports Internet Printing Protocol (IPP) for Windows 98, Windows Me, and Windows 2000
- Supports DocBuilder Pro
- Supports the Advanced Controller Interface kit which includes a monitor, a keyboard, and mouse (available as an optional kit)

NOTE: Client utilities can be installed onto the ColorPASS from the User Software CD if the Fiery Advanced Controller Interface is installed. Other applications are not supported and may cause system problems.

User software

The full set of ColorPASS user software is provided on the User Software CD.

Adobe PostScript Printer Driver	Enables you to print to the ColorPASS from Windows 95/98/Me, Windows NT 4.0, and Mac OS computers; also supports special ColorPASS and PostScript 3 features. Windows 2000 users should use the Microsoft PostScript Printer Driver provided with Windows 2000.
PostScript Printer Description file (PPD)	For use with the PostScript printer driver that allows the ColorPASS to appear in popular applications' Print and Page Setup dialog boxes. The ColorPASS PPDs provide information about the ColorPASS and your particular copier model to the application and printer driver you are using.
PostScript Fonts (Mac OS only)	PostScript screen and printer fonts that correspond to the 136 PostScript printer fonts installed on the ColorPASS (126 Adobe Type 1 and 10 TrueType). See Appendix B of the <i>Printing Guide</i> for a complete list of PostScript fonts installed on the ColorPASS.
Fiery Downloader	Enables you to print PostScript files, Encapsulated PostScript (EPS) files, TIFF files, and Portable Document Format (PDF) files directly to the ColorPASS without opening the application in which they were created. Fiery Downloader also enables you to manage the printer fonts installed on the ColorPASS.
Fiery Spooler (Mac OS only)	Enables you to view the order and priority of print jobs, customize printer settings for jobs, delete jobs, and move jobs between queues. You can also use it to view job accounting information.

ColorWise Pro Tools	ICC-open color management and calibration tools; enables you to edit and download ICC profiles.
Fiery Scan	Plug-in modules for Photoshop that enable you to scan images from the copier directly into the application.
Fiery Link	Enables you to monitor the status of connected ColorPASS servers and the print jobs sent to them.
Color management files	ColorSync (MacOS) and ICM (Windows) color management files that enable you to maintain consistent color from your original artwork to the colors displayed on your monitor to the printed output.
Color reference files	Reference pages that you can print to view the range of colors available on your ColorPASS. For the most predictable color results, refer to these pages when defining colors in applications. For more information on color management, see the <i>Color Guide</i> .
Calibration files	Includes measurements files and targets that you can use with ColorWise Pro Tools. If you do not have a densitometer, you can use these files to calibrate the ColorPASS.
MRJ (Mac OS only)	Mac OS Runtime for Java installer v 2.2 (MRJ) is required by all Java-based Fiery utilities. When installing these utilities, if MRJ is not detected, the MRJ installer is automatically launched.

NOTE: The PostScript printer drivers and printer description files can be installed from the User Software CD or they can be installed from the ColorPASS with the Installer WebTool. For instructions, see “Using the Installer WebTool” on page 94.

System requirements

To install the ColorPASS user software on a Windows or Mac OS computer, the computer must be equipped with a built-in or external CD-ROM drive.

Windows

To print to the ColorPASS, you need:

- A Windows-based computer with an 80486, AMD, or Pentium processor
- Windows 95, Windows 98, Windows Millennium (Me), Windows 2000, or Windows NT 4.0
- At least 16MB of RAM for Windows 95
- At least 24MB of RAM for Windows 98
- At least 32MB of RAM for Windows Me
- At least 32MB of RAM for Windows NT 4.0
- At least 64MB of RAM for Windows 2000

With Microsoft Windows 95/98/Me, you also need:

- IPX/SPX or TCP/IP networking protocol installed
- Adobe PostScript Printer Driver for Windows version 4.2 or later (version 4.3.1 is included with the user software)

With Microsoft Windows NT 4.0 and Windows 2000, you also need:

- IPX/SPX, TCP/IP, or AppleTalk networking protocol installed
- Microsoft PostScript Printer Driver for Windows 2000 (MS Script 5 is included with the user software)
- Adobe PostScript Printer Driver for Windows NT 4.0 version 5.0 (version 5.1.2 is included with the user software)

To use the Fiery utilities (Fiery Downloader, ColorWise Pro Tools, and Fiery Link) you also need:

- Windows 95, Windows 98, Windows Me, Windows 2000 *or* Windows NT 4.0 with NT Service Pack 5 or later
- At least 48MB of RAM; 56MB of RAM is recommended

To use Fiery Scan, you also need Adobe Photoshop version 4.0 or later.

To use Fiery WebTools, you also need:

- *Either* Netscape Communicator version 4.5 or later, and Java enabled *or* Microsoft Internet Explorer version 4.0.1 and Service Pack 1, or later, with Java enabled

NOTE: Netscape and Microsoft continue to release frequent updates to their browsers. As support cannot be guaranteed for all versions, use the versions specified above for best results.

- A monitor, and video memory that supports 16-bit color at a minimum resolution of 800 x 600
- A TCP/IP enabled network and the IP address or DNS name of the ColorPASS
- Web Services enabled on the ColorPASS

Mac OS

To print to the ColorPASS you need:

- A Mac OS-based computer
- At least 32MB of RAM
- EtherTalk installed
- Apple System software version 7.6.1 or later
- Adobe PostScript Printer Driver version 8.5 or later (version 8.7 is included with the user software)

To use the Fiery utilities (Fiery Downloader, ColorWise Pro Tools, Fiery Link, and Fiery Spooler), you also need:

- A Mac OS-based computer with Apple System Software version 7.6.1 or later
- At least 64MB of RAM

To use Fiery Scan, you also need Adobe Photoshop version 4.0 or later.

UNIX (TCP/IP)

To print to the ColorPASS with a UNIX workstation, you need:

- A workstation with standard TCP/IP connectivity (for example, Sun SPARCStation or Silicon Graphics workstation with Solaris version 2.5 or later or SunOS version 4.1.x software)
- TCP/IP printing software that conforms to RFC1179 (Berkeley lpd protocol)

IPX (Novell)

To use the ColorPASS with an IPX (Novell) network, you need:

- A Novell server
- Novell NetWare software version 3.x, 4.x, or 5.x
- Support for Ethernet SNAP, Ethernet II, Ethernet 802.3, Ethernet 802.2, Token Ring SNAP, or Token Ring

Command WorkStation

To run the Command WorkStation application from a remote workstation, you need:

- A Windows-based computer with a 200MHz Pentium processor
- Windows 95/98/Me/2000 or Windows NT 4.0 with NT Service Pack 5
- TCP/IP networking protocol installed
- A video adapter card with at least 2MB of video memory
- At least 32MB of RAM
- An 850MB (or greater) hard disk drive
- A 2x CD-ROM drive
- A 17" monitor that supports 16-bit color at a minimum resolution of 1024 x 768

DocBuilder Pro

To run the Command WorkStation application with DocBuilder Pro, you need

- A Windows-based computer with a 333MHz Pentium processor
- Windows 95/98/Me or Windows NT 4.0 with NT Service Pack 4 or 5
- TCP/IP networking protocol installed
- A video adapter card with at least 2MB of video memory
- 64MB of RAM
- An 850MB (or greater) hard disk drive
- 90MB of available hard disk space
- A 2x CD-ROM drive
- A 17" monitor that supports 16-bit color at a minimum resolution of 1024 x 768

Installing User Software on a Windows Computer

This chapter describes installing software and setting up printing from a Windows-based computer running Windows 95/98/Me, Windows NT 4.0, or Windows 2000.

The general steps for installing the software are:

- Install the PostScript printer driver (Windows 95/98/Me, Windows NT 4.0, and Windows 2000) and corresponding printer driver files.
- Set up the printer driver to communicate with the ColorPASS.
- Install the Command WorkStation software on the designated Windows workstation(s).
- Install the Fiery utilities and the Fiery Scan plug-in.
- Configure the connection for Fiery Link, Fiery Downloader, ColorWise Pro Tools, and the Command WorkStation.
- Set up IPP printing for Windows 98 and Windows 2000.
- Copy additional files from the User Software CD as needed.

In addition to using the User Software CD, you can download printer drivers and the Fiery Link installer from the ColorPASS with the Installer WebTool (if the site administrator has enabled Internet access to the ColorPASS). For instructions, see “Using the Installer WebTool” on page 94. Once you download the printer files, the installation process is identical to installing from the User Software CD.

Setting up PostScript printing with Windows 95/98/Me

To set up the ColorPASS as a PostScript printer you must install the PostScript printer driver for Windows 95/98/Me and its corresponding printer description files. You must also configure a particular type of print connection between the workstation and the ColorPASS.

The following procedure describes installing the printer drivers from the User Software CD or from the Installer WebTool. The procedures after that describe setting up the print connection.

NOTE: The following procedures use Windows 98 screen captures with any Windows 95 and Windows Me differences noted.

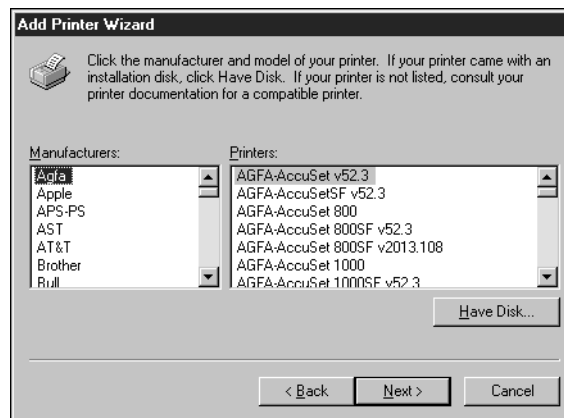
If you are printing using SMB (Server Message Block), you can connect to the ColorPASS and install the printer drivers in a single procedure. To configure the ColorPASS for SMB printing, see “Setting up SMB printing with Windows 95/98/Me” on page 11.

TO INSTALL THE POSTSCRIPT PRINTER DRIVER FOR WINDOWS 95/98/ME:

1. Click Start, choose Settings, and then choose Printers to display the Printers window.
2. Double-click the Add Printer icon, and click Next.
3. Specify printing using a Local printer, and click Next.

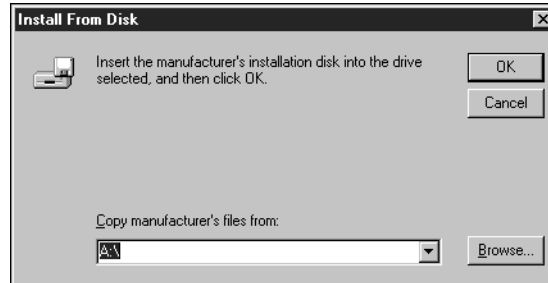
This procedure describes installing a printer locally. You can modify the connection later, according to your network type.

4. In the dialog box displaying lists of manufacturers and printers, click Have Disk.



3 Setting up PostScript printing with Windows 95/98/Me

The Install from Disk dialog box prompts you for the disk.



5. If you are installing from the CD, type the name of the CD-ROM drive (for example, D:\), and click Browse. Browse to English\Prntdrv\Ps_drvr\Win_9x.

NOTE: You will use the same path for Windows Me.

If you are installing from the files you downloaded using the Installer, browse to Prntdrv\Prntdrv\Ps_drvr\Win_9x.

NOTE: You will use the same path for Windows Me.

Make sure “Oemsetup.inf” is selected.

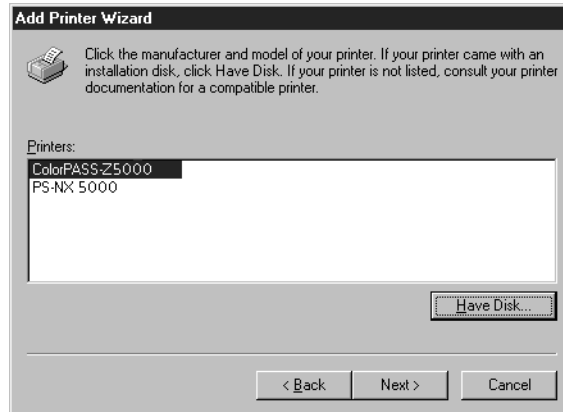
6. Click OK.

The path is copied to the Install From Disk dialog box.

7. Verify the path is correct, and click OK.

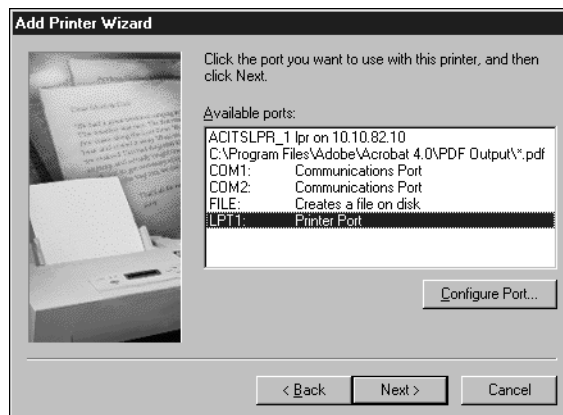


8. In the Printers box, select the ColorPASS file and click Next.



9. Select the LPT1 port and click Next.

You will configure the port later, according to your network type.



10. Using a maximum of 31 characters, enter a name for the ColorPASS (or leave the default name) in the Printer Name box.

This name will be used in the Printers and queue windows.

NOTE: Entering more than 31 characters may cause printing problems with some network applications.

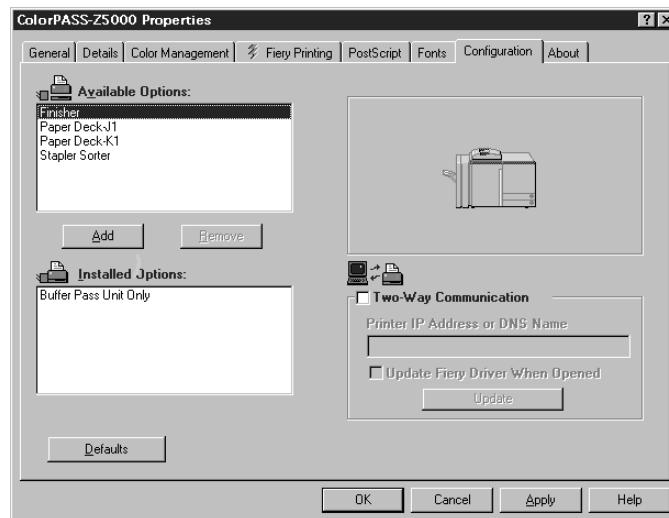
11. If you want the ColorPASS to be the default printer select Yes; if not, select No. Select OK on Windows 95. On Windows 98 and Windows Me, click Next.
12. Select No to printing the test page and click Next (Windows 95) or Finish (Windows 98 and Windows Me).

The necessary files are installed to your hard disk.

When installation is complete, you will need to configure the options installed on your copier.

TO CONFIGURE INSTALLABLE OPTIONS ON THE COLORPASS FROM THE POSTSCRIPT PRINTER DRIVER FOR WINDOWS 95/98/ME:

1. Click the Start button, choose Settings, and then choose Printers.
2. Click the ColorPass icon and choose Properties from the File menu.
3. Select the Configuration tab.
4. Select an installed option from the Available Options list and click Add to move the option to the Installed Options list.



Finisher—Buffer Pass Unit Only, Stapler Sorter, Finisher

Paper Deck—Paper Deck-K1, Paper Deck-J1

5. Click Apply.

You are ready for the instructions to connect to your network type (see “Completing the Windows 95/98/Me connection” on page 8).

To enable Internet Printing Protocol (IPP) see “Setting up IPP printing with Windows 98 and/or Windows Me” on page 14.

Using Two-Way Communication

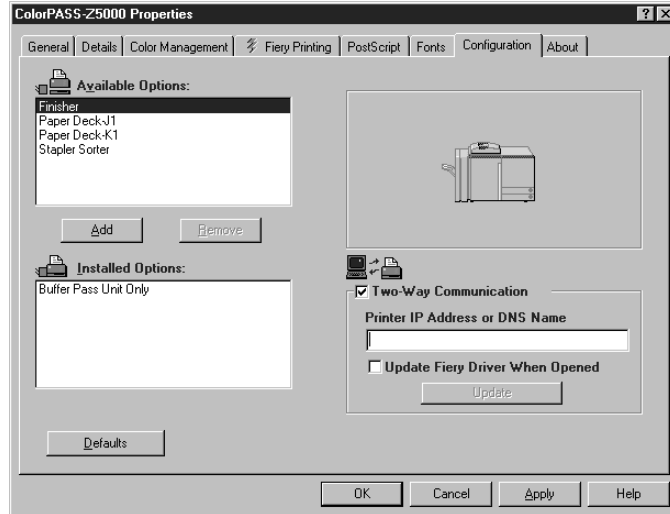
If you have a TC/IP enabled network, you can update Expert Color Settings options provided in the ColorWise print option bar of the Fiery printing tab of your printer driver to reflect current copier color settings. See the *Color Guide* for more information.

You can also automatically configure installable options using this feature.

SETTING UP TWO-WAY COMMUNICATION FOR POSTSCRIPT PRINTER DRIVERS FOR WINDOWS 95/98/ME:

1. Click Start in the Windows taskbar, choose Settings, and then choose Printers.
2. In the Printers window, select the icon for the ColorPASS PostScript printer driver.
3. Choose Properties from the File menu.
4. Select the Configuration tab.

5. Check Two-Way Communication.



This will activate the Printer IP Address or DNS Name field.

- 6. Enter the ColorPASS IP address or DNS name in the Printer IP Address or DNS Name field.**
- 7. If you would like your printer driver to display the printer's current default settings when opened, check Update Fiery Driver When Opened.**
- 8. Click Update.**
- 9. Click OK.**

Completing the Windows 95/98/Me connection

To print from Windows 95/98/Me you need to:

- Set up network servers, if any
- Set up the ColorPASS to accept print jobs from your computer
- Configure a port on each Windows computer for the network

Completing the Windows 95/98/Me IPX/SPX or IPX (Novell) connection

If you are printing through a Novell server, the Novell network and file server should be set up before you begin. The file server should be configured with a print server and print connection for the ColorPASS. For details see your NetWare documentation and the *Configuration Guide*.

To print from Windows 95/98/Me computers over IPX (Novell), you must first set up IPX/SPX protocols, and then configure the ColorPASS by choosing the IPX port type, and entering the settings for the port you use.

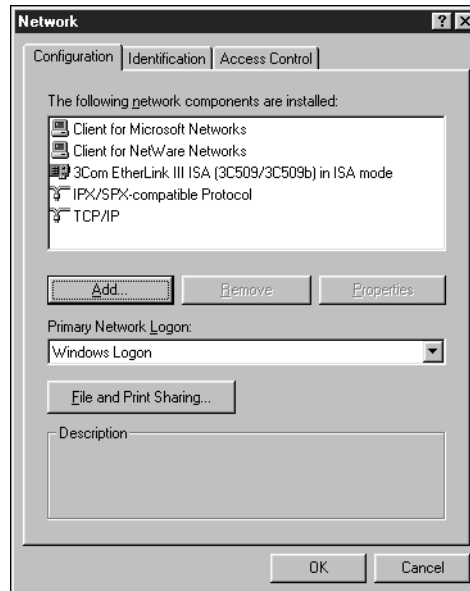
TO SET UP IPX/SPX PRINTING FOR WINDOWS 95/98/ME:

1. **Click the Start button, choose Settings, and then choose Control Panel.**
2. **Double-click the Network icon.**

Make sure that IPX/SPX-compatible Protocol is listed in the Installed Network Components section.

For instructions, see your Windows 95/98/Me documentation.

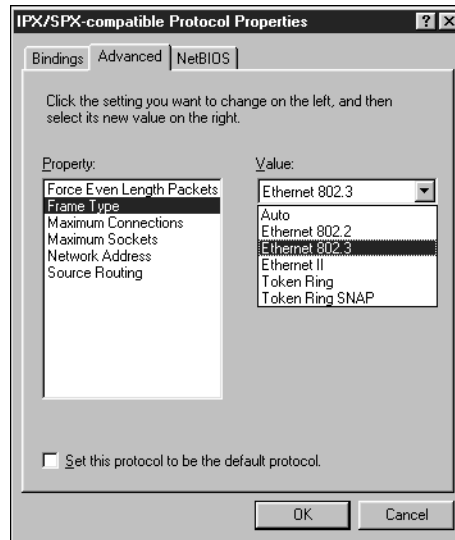
3. Double-click the IPX/SPX-compatible Protocol icon.



4. Click the Advanced tab.
5. In the Property list, click Frame Type. In the Value pop-up menu, select the Frame Type that corresponds to the one set during ColorPASS Network Setup.

If necessary, print the Configuration page from the Control Panel to check which Frame Type(s) are configured.

NOTE: Do not select Auto. Doing so may not select the Frame Type specified on the ColorPASS.



6. Click OK and close the Network Control Panel.
7. When prompted to restart your computer, click Yes.

TO SET UP IPX (NOVELL) PRINTING WITH WINDOWS 95/98/ME:

1. Click the Start button, choose Settings, and then choose Printers.
2. Click the ColorPASS printer icon, and then choose Properties from the File menu.
3. Click the Details tab and click Add Port.
A list of connection options is displayed.
4. In the Add Port dialog box, specify the network path, or click Browse for a display of your network environment.
5. If you are using a NetWare file server, double-click the icon of the NetWare file server you want to use for printing to the ColorPASS.

6. Click the printer icon labeled with the NetWare print queue you will use and click OK.

7. In the Add Port dialog box, verify that the network path is updated and click OK.

Your print jobs are transmitted to the specified print queue on the Novell file server. The ColorPASS polls the file server, and if jobs are present, they are transmitted to the ColorPASS.

To confirm the connection, you can print a Windows 95/98/Me test page.

8. Click the General tab, click Apply, and click Print Test Page.

If the test page prints successfully, you are ready to print from the computer.

Setting up SMB printing with Windows 95/98/Me

If you do not have a Novell network, you can print via SMB printing (also known as Windows printing or WINS printing). Printing by this method allows you to install the PostScript printer driver and printer description files, and print from your computer to a particular connection (Hold, Print, or Direct) on the ColorPASS. These instructions assume you have the TCP/IP protocol and Client for Microsoft Networks installed.

To set up printing to a second or third print connection, you must install a new printer driver and PPD file. Repeat the procedure “To set up SMB printing on Windows 95/98/Me” on page 12. If you install more than one printer, give each a descriptive name during printer driver installation, such as Aero-Print or Aero-Hold, so you can easily identify printers.

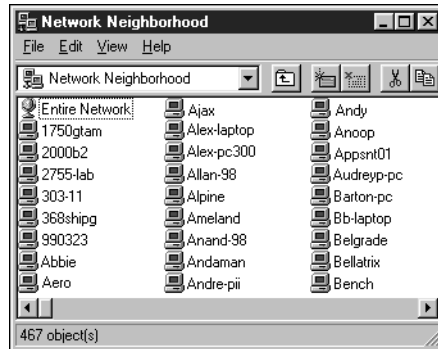
BEFORE YOU BEGIN:

- **Configure the ColorPASS for SMB printing in Network Setup>Service Setup>Windows Setup.**

SMB printing is referred to as Windows Printing in Setup, on the Control Panel Map, and on the Configuration page. For more information, see the *Configuration Guide*.

TO SET UP SMB PRINTING ON WINDOWS 95/98/ME:

1. Double-click the Network Neighborhood icon to display your network environment.

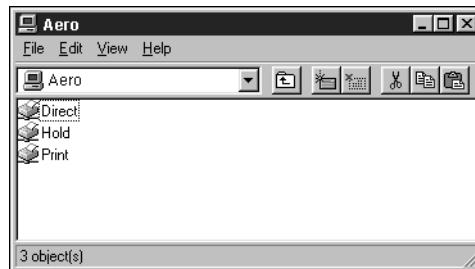


2. Browse for the printer you would like to print to.

The printer name you are browsing for is the name entered in Network Setup > Service Setup > Windows Setup > Server Name. Refer to the Configuration page for this information.

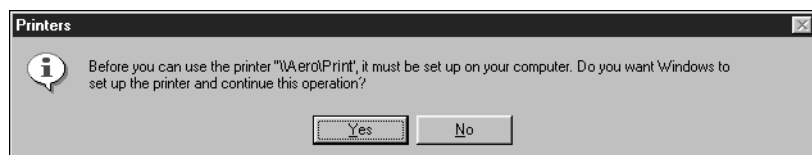
If you are not able to locate your ColorPASS, see your network administrator.

3. Double-click the name of the printer to display enabled print connections.



4. Double-click the name of the connection you want to print to.

The Printers dialog box appears, asking whether you would like to set up the printer.



5. **Select Yes to install the PostScript printer driver and printer description file for the selected connection.**

The Add Printer Wizard appears.

6. **Specify whether you print from MS-DOS based programs, and then click Next.**

If you choose Yes you will be prompted to capture a printer port before proceeding with the installation. See your Windows documentation for details.

7. **Using a maximum of 31 characters, enter a name for the ColorPASS (or leave the default name) in the Printer name box, and choose whether you want the ColorPASS to be your default printer. Click Next.**

NOTE: Entering more than 31 characters may cause printing problems with some network applications.



8. **You are asked if you would like to print a test page. Choose Yes and click Finish.**

The necessary files are installed to your hard disk.

If the test page prints successfully, you are ready to print from the computer.

Setting up IPP printing with Windows 98 and/or Windows Me

With Internet Printing Protocol (IPP), print jobs are sent to the ColorPASS over the Internet.

IPP printing is supported directly on Windows 2000 but can be enabled on Windows 98 and Windows Me computers by first installing the “wpnpins.exe” patch file (available on the Windows 2000 Server Product CD). For information about obtaining this patch, contact the Microsoft Corporation.

NOTE: The IPP setup procedures are performed after installing the appropriate printer drivers. See “To install the PostScript printer driver for Windows 95/98/Me:” on page 2.

NOTE: IPP printing is not supported on Windows 95.

BEFORE YOU BEGIN:

1. Prepare the ColorPASS for TCP/IP printing.
2. Make sure the ColorPASS is configured for IPP printing in Network Setup > Service Setup > IPP Setup. For more information, see the *Configuration Guide*.
3. Specify the printing destination on your computer. See the following procedure.

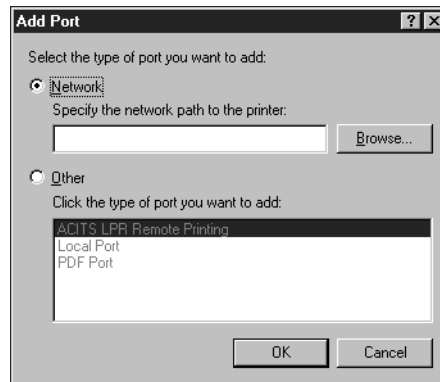
TO SET UP IPP PRINTING WITH WINDOWS 98 AND/OR WINDOWS ME:

1. Click the Start button, choose Settings, and then choose Printers.
2. In the Printers windows, double-click the icon for the ColorPASS PostScript printer driver.

Choose Properties from the File menu.

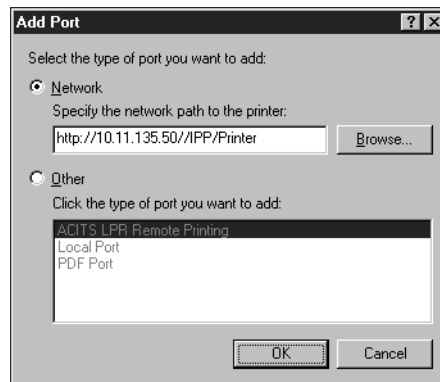
3. Select the Details tab, and click Add Port.

The Add Port dialog box appears.

**4. Enter a network path for the printer.**

The path for the printer is the IP address followed by “IPP/printer.”

NOTE: You can enter, “http”, “ipp”, and “printer” in either lowercases or uppercases.

**5. Click OK.**

Setting up PostScript printing with Windows NT 4.0 and/or Windows 2000

To set up the ColorPASS as a PostScript printer, you must install the PostScript printer driver for Windows NT 4.0 and/or Windows 2000 and its corresponding printer description files. You must also configure a particular type of print connection between the workstation and the ColorPASS.

The instructions below describe installing a printer locally. Adding a printer to a local system requires that you log in to your local Windows NT 4.0 and/or Windows 2000 workstation (not the network server domain) and that you are a member of the Administrators group. The procedure for adding a network printer is similar to adding a port. This procedure is described in “Completing the Windows NT 4.0 TCP/IP and LPR connection” on page 28.

The following procedures for Windows NT 4.0 and Windows 2000 describe installing the printer drivers from the User Software CD. The Windows NT 4.0 and Windows 2000 procedures can also be used if you have downloaded the printer files using the Installer WebTool. The procedures that follow describe setting up the print connection.

If you are printing using SMB (Server Message Block) you can connect to the ColorPASS and install the printer drivers in a single procedure. To configure the ColorPASS for SMB printing, see “Setting up SMB printing on Windows NT 4.0 and/or Windows 2000” on page 34.

TO INSTALL THE POSTSCRIPT PRINTER DRIVER FOR WINDOWS NT 4.0:

1. **If you are installing from the CD, insert it into the CD-ROM drive.**
2. **Click Start in the Windows NT taskbar, choose Settings, and then choose Printers.**
3. **Double-click Add Printer.**

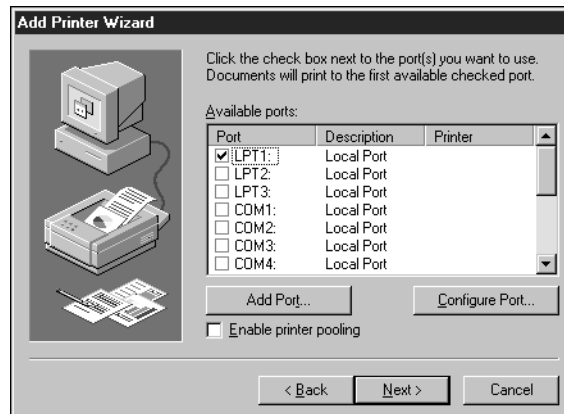
4. To install a printer locally, select My Computer and click Next.



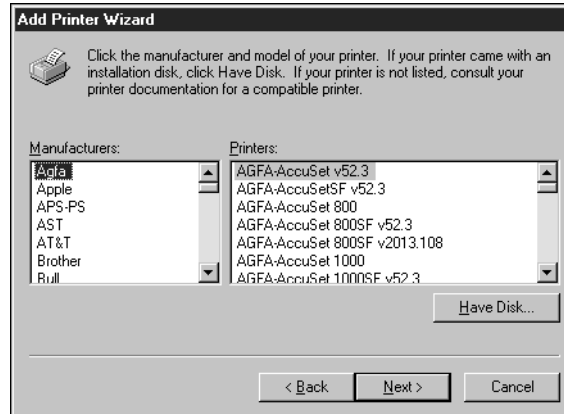
“My Computer” is available if you logged in to a computer on which you have Administrator privileges. If it is not available, you can add a network printer. The procedure is similar to adding a port (see page 29).

5. Check LPT1: and click Next.

This is a general installation that works for the parallel port connection. You can add a network port later, according to your network type.



6. In the dialog box displaying lists of manufacturers and printers, click Have Disk.



The Install from Disk dialog box prompts you for the disk.



7. If you are installing from the CD, type the name of the CD-ROM drive (for example, D:\), and click Browse.

If you are installing from files you downloaded using the Installer WebTool, type the name of your hard disk drive (for example, C:\), and click Browse.

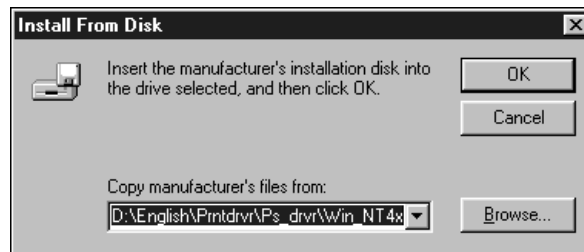
8. If you are installing from the CD, browse to the English\Prntdrv\Ps_drvr\Win_NT4x folder and click Open.

If you are installing from files you downloaded using the Installer WebTool, browse to the Prntdrv\Prntdrv\Ps_drvr\Win_NT4x folder and click Open.

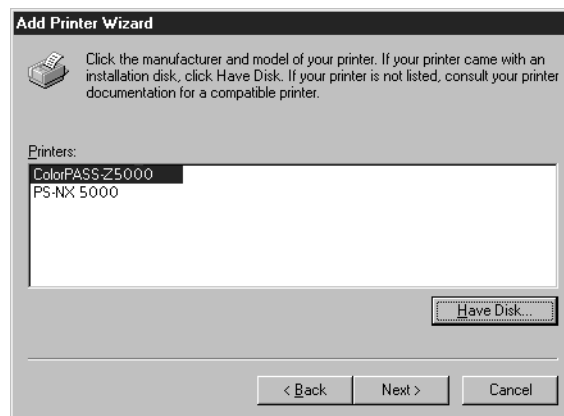
Make sure “Oemsetup.inf” or “Oemsetup” is selected.

The path is copied to the Install from Disk dialog box.

9. Verify the path is correct, and click OK.

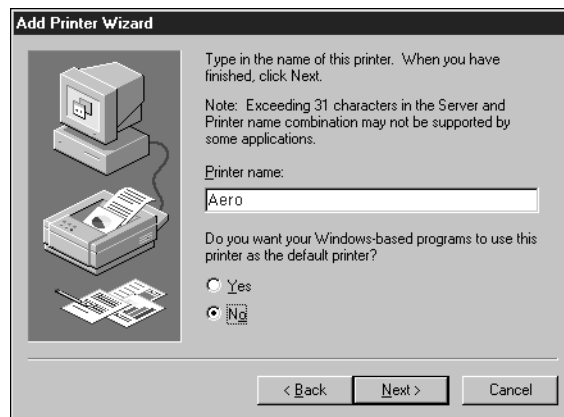


10. In the Printers box, select the ColorPASS file and click Next.

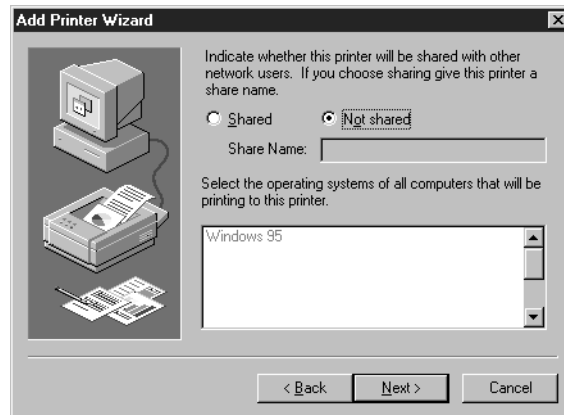


11. Using a maximum of 31 characters, enter a name for the ColorPASS (or leave the default name) in the Printer name box, and choose whether you want the ColorPASS to be your default printer. Click Next.

NOTE: Entering more than 31 characters may cause printing problems with some network applications.



12. Indicate whether you want the printer installed as a shared printer. Click Next.



If you select Shared, you must also enter a Share Name for the printer (or leave the default name) and make selections from the list of operating systems used by client workstations. For information on shared printers, see the *Configuration Guide*.

13. Click **No** in the next dialog box to postpone printing a test page, and click **Finish**.

When installation is complete, the Printers window appears with an icon for the newly installed printer.

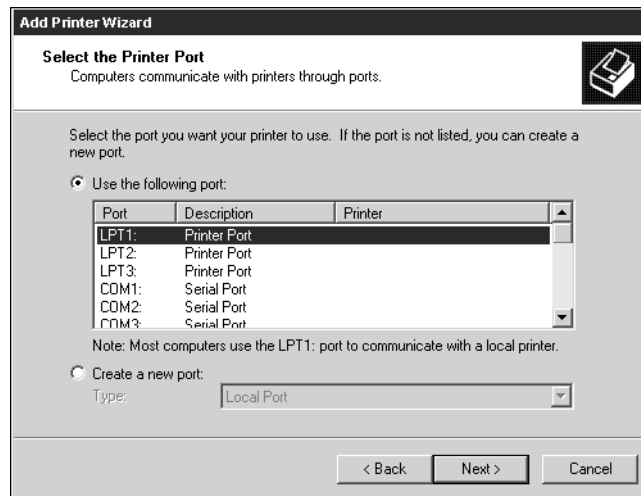
TO INSTALL THE POSTSCRIPT PRINTER DRIVER FOR WINDOWS 2000:

1. Click **Start**, choose **Settings**, and then choose **Printers** to display the Printers window.
2. Double-click the **Add Printer** icon, and click **Next**.
3. Specify printing using a **Local printer**, and click **Next**.

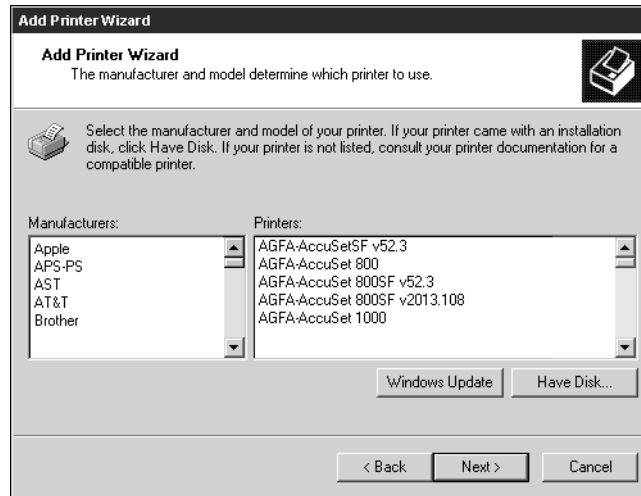
This procedure describes installing a printer locally. You can modify the connection later, according to your network type.

4. Select the **LPT1** port and click **Next**.

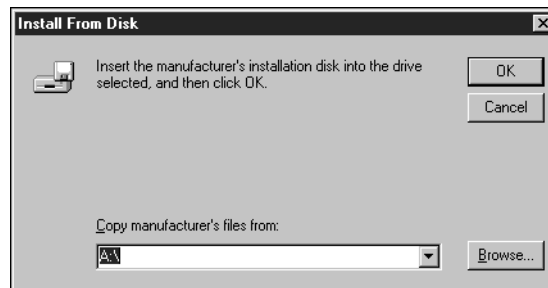
You will configure the port later, according to your network type.



5. In the dialog box displaying lists of manufacturers and printers, click Have Disk.



The Install from Disk dialog box prompts you for the disk.



6. Type the name of the CD-ROM drive (for example, D:\), and click Browse. Browse to the English\Prntdrv\Ps_drvr\Win_2000 folder.

Make sure “Oemsetup.inf” or “Oemsetup” is selected and click Open.

7. Verify the path is correct, and click OK.

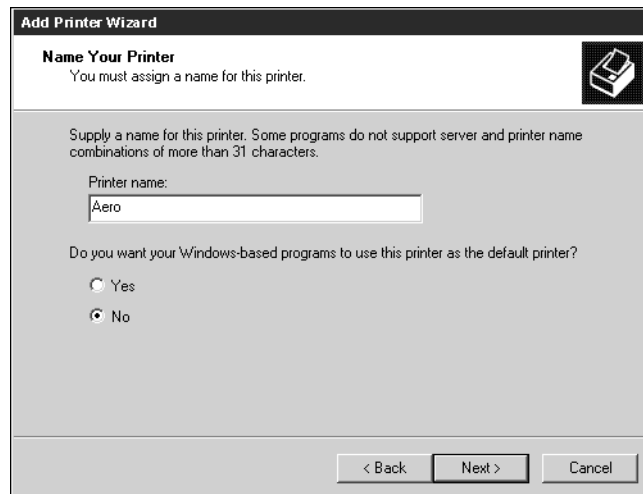
The path is copied to the Install From Disk dialog box.

8. In the Printers box, select the ColorPASS file and click Next.

9. Using a maximum of 31 characters, enter a name for the ColorPASS (or leave the default name) in the Printer Name box.

This name will be used in the Printers and queue windows.

NOTE: Entering more than 31 characters may cause printing problems with some network applications.

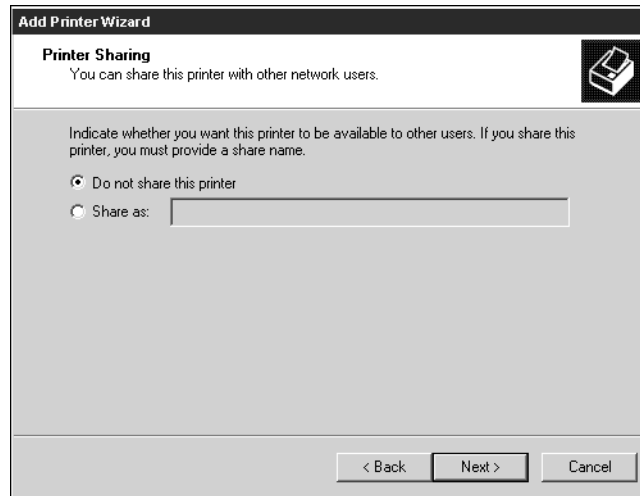
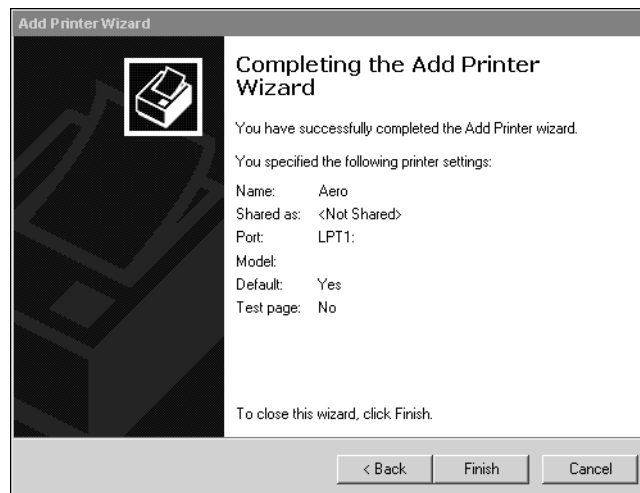


The screenshot shows the 'Add Printer Wizard' dialog box, specifically the 'Name Your Printer' step. The title bar reads 'Add Printer Wizard'. Below the title bar, the section is titled 'Name Your Printer' with the instruction 'You must assign a name for this printer.' and a printer icon. The main text area says 'Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.' Below this is a text box labeled 'Printer name:' containing the text 'Aero'. Further down is the question 'Do you want your Windows-based programs to use this printer as the default printer?' with two radio buttons: 'Yes' (unselected) and 'No' (selected). At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

10. If you want the ColorPASS to be the default printer select Yes; if not, select No. Click Next.

11. Indicate whether you want the printer installed as a shared printer. Click Next.

If you select Share as, you must also enter a Share Name for the printer (or leave the default name) and make selections from the list of operating systems used by client workstations. Refer to the *Configuration Guide* for more information on shared printers.

**12. Select No to printing a test page, and click Next.****13. Verify the printer settings specified, and click Finish.**

The necessary files are installed to your hard disk.

14. **If this is the first printer driver you are installing on the computer, you may be prompted to install files from the Windows 2000 CD. Insert the CD-ROM, browse to the win2000\english\i386 folder, and then click OK.**

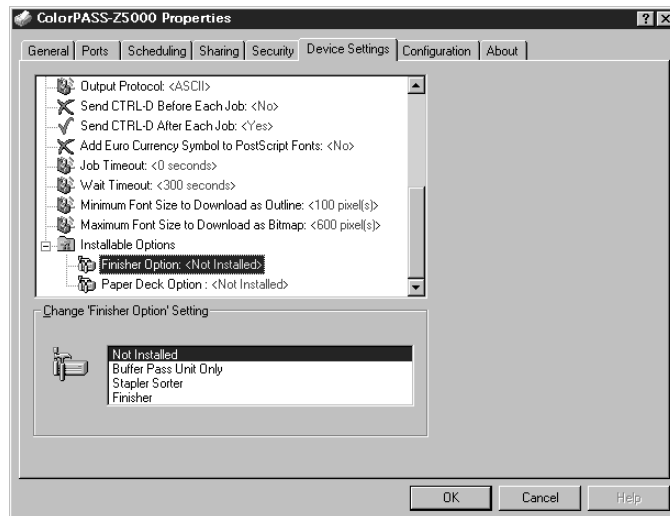
When installation is complete, the Printers window appears with an icon for the newly installed printer. You will now need to configure the options installed on your copier.

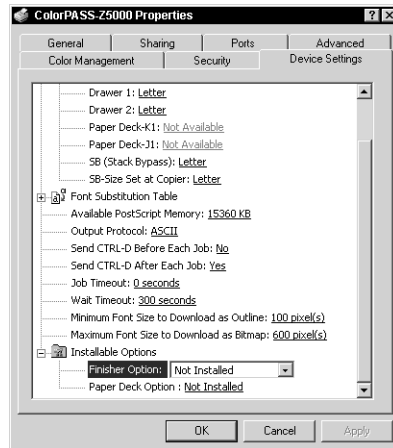
To enable Internet Protocol Printing (IPP), see “Setting up IPP printing with Windows 2000” on page 36.

TO CONFIGURE INSTALLABLE OPTIONS ON THE COLORPASS FROM THE POSTSCRIPT PRINTER DRIVER FOR WINDOWS NT 4.0 AND/OR WINDOWS 2000:

NOTE: Configuring installable options for Windows NT 4.0 and Windows 2000 are similar. The following procedure uses Windows NT 4.0 screen captures with Windows 2000 differences noted.

1. **Click the Start button, choose Settings, and then choose Printers.**
2. **Click the ColorPASS icon, and choose Properties from the File menu.**
3. **Click the Device Settings tab, and scroll down to Installable Options. Specify the options installed on the ColorPASS.**





Windows 2000

4. Select an installable option and choose a setting.

NOTE: Windows 2000 systems display installable options as a pop-up menu. You must first select the installable option to activate the menu.

Finisher Option—Not Installed, Buffer Pass Unit Only, Stapler Sorter, Finisher

Paper Deck Option—Not installed, Paper Deck-K1, Paper Deck-J1

5. Click OK to activate the current settings.

You are ready for the instructions to connect to your network type (see “Completing the Windows NT 4.0 and/or Windows 2000 printer connection” on page 28).

To enable Internet Protocol Printing (IPP) for Windows 2000, see “Setting up IPP printing with Windows 2000” on page 36.

Using Two-Way Communication

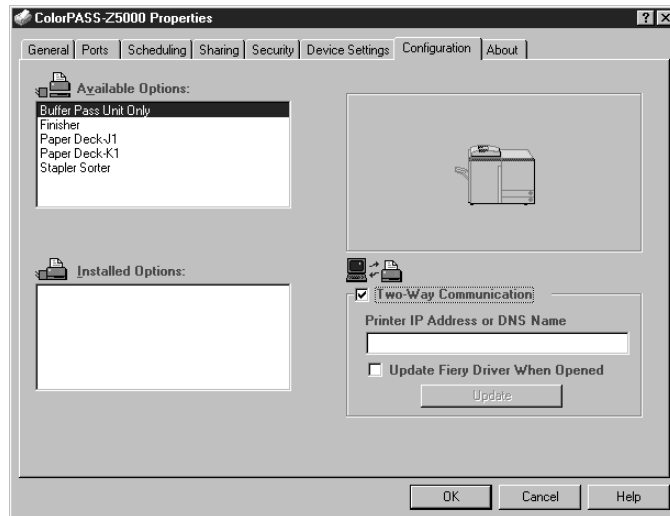
If you have a TCP/IP enabled network, you can update Expert Color Settings options provided in the ColorWise print option bar of the Fiery Printing tab of your printer driver to reflect current copier settings. See the *Color Guide* for more information.

You can also automatically configure installable options using this feature.

Two way communication is not supported on Windows 2000.

**SETTING UP TWO-WAY COMMUNICATION FOR POSTSCRIPT
PRINTER DRIVERS FOR WINDOWS NT 4.0:**

1. Click Start in the Windows taskbar, choose Settings, and then choose Printers.
2. In the Printers window, select the icon for the ColorPASS PostScript printer driver.
3. Choose Properties from the File menu.
4. Select the Configuration tab.
5. Check Two-Way Communication.



This will activate the Printer IP Address or DNS Name field.

6. Enter the ColorPASS IP address or DNS name in the Printer IP Address or DNS Name field.
7. If you would like your printer driver to display the printer's current default settings when opened, check Update Fiery Driver When Opened.
8. Click Update.
9. Click OK.

Completing the Windows NT 4.0 and/or Windows 2000 printer connection

To print from Windows NT 4.0 and/or Windows 2000 you need to:

- Set up network servers, if any
- Set up the ColorPASS to accept print jobs from your computer
- Configure a port on each Windows NT and/or Windows 2000 computer for the network type

To do this:	See:
Configure the TCP/IP (LPR port) connection	“Completing the Windows NT 4.0 TCP/IP and LPR connection” on page 28.
Configure the IPX (Novell) connection	“Completing the Windows NT 4.0 and/or Windows 2000 IPX (Novell) connection” on page 32.

NOTE: The procedures for completing the printer connection for Windows NT 4.0 and Windows 2000 are similar. Windows NT 4.0 screen captures are used with relevant Windows 2000 differences noted.

Completing the Windows NT 4.0 TCP/IP and LPR connection

Once you have installed the PostScript printer driver and printer driver files, complete the setup for the TCP/IP and LPR connection as follows:

- Prepare the ColorPASS to accept print jobs using TCP/IP and LPR protocols. (For details, see the *Configuration Guide*.)
- Configure the workstation for the TCP/IP connection.

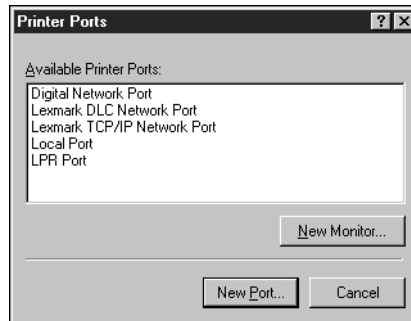
Before you continue, ask the system administrator for the IP address assigned to the ColorPASS, as well as the subnet mask and the gateway address, if they are used.

The TCP/IP Protocol and Microsoft TCP/IP Printing software should already be installed on the Windows NT workstation.

TO SET UP TCP/IP AND LPR PRINTING FOR WINDOWS NT 4.0:

1. **Open the Properties dialog box for the ColorPASS, and click the Ports tab.**
2. **Click Add Port.**

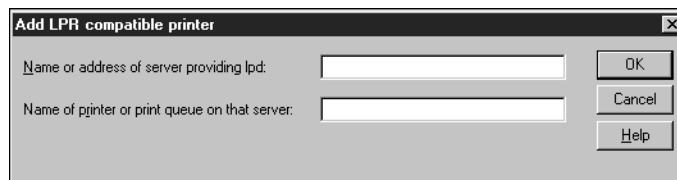
The available port types are displayed.



3. **Select LPR Port and click New Port.**

If the LPR port is not listed, install the TCP/IP network protocol and Microsoft TCP/IP printing software. See the *Configuration Guide* or your Windows documentation.

4. **Enter the IP address of the ColorPASS.**



If your network uses Domain Name Services (DNS), enter the DNS name assigned to the ColorPASS instead of the IP address.

5. **Press Tab and type one of the following names, depending on the ColorPASS connection you would like to print to.**

print
hold

NOTE: This name is case-sensitive; type it *exactly* as shown above.

6. Click OK.

The workstation checks the address or DNS name you entered and notifies you if it cannot resolve the address.

7. Click Close in the Printer Ports dialog box.

The new port configuration is reflected in the Ports tab. You must now close the Printer Properties dialog box to verify the connection.

8. Click OK to close the Printer Properties dialog box.**9. Reopen the Printer Properties dialog box.****10. Click the General tab and click Print Test Page.**

When you print, your PostScript files are transmitted over the LPR Port connection to the ColorPASS.

11. Click OK to close the Printer Properties dialog box.

TO SET UP TCP/IP AND LPR PRINTING FOR WINDOWS 2000:**1. Open the Properties dialog box for the ColorPASS, and click the Ports tab.****2. Click Add Port.****3. Select Standard TCP/IP Port for Available port types, and click New Port.****4. Click Next in the Add Standard TCP/IP Printer Port Wizard dialog box.****5. Enter the IP address of the ColorPASS.**

The IP address will automatically be entered for Port Name.

6. Click Next.

The device will automatically be detected.

7. Select Canon Network Printing Device as Standard for Device Type if the device is not automatically detected, and click Next.**8. Click Finish to close the Add Standard TCP/IP Printer Port Wizard dialog box and Close from the Printer Ports dialog box.****9. Click Configure Port in the Properties dialog box.**

The Configure Standard TCP/IP Port Monitor dialog box appears.

10. **If you have LPD printing enabled at the ColorPASS Control Panel, select LPR for Protocol and LPR Byte Counting Enabled under LPR Settings.**

NOTE: You can also proceed without selecting LPR Byte Counting Enabled under LPR settings.

11. **If you have Port 9100 printing enabled at the ColorPASS Control Panel, select Raw.**

9100 is automatically detected for Port Number under Raw Settings. You can print to the printer connection selected for Port 9100 printing at the ColorPASS Control Panel.

The screenshot shows the 'Configure Standard TCP/IP Port Monitor' dialog box with the following settings:

- Port Settings:**
 - Port Name: IP 10.11.147.49
 - Printer Name or IP Address: 10.11.147.49
- Protocol:**
 - ☒ Raw
 - ☐ LPR
- Raw Settings:**
 - Port Number: 9100
- LPR Settings:**
 - Queue Name: (empty)
 - ☐ LPR Byte Counting Enabled
 - ☒ SNMP Status Enabled
 - Community Name: public
 - SNMP Device Index: 1

12. **Enter the queue name.**

For LPR, use print, hold, or direct.

For Port 9100, you need to manually enter the following port numbers for each print connection under Raw Settings:

direct: 9100 (default) or 9101

print: 9102

hold: 9103

NOTE: This name is case-sensitive; type it *exactly* as shown above.

13. **Click OK to close the Configure Standard TCP/IP Port Monitor dialog box.**

Completing the Windows NT 4.0 and/or Windows 2000 IPX (Novell) connection

Complete the setup for the IPX (Novell) connection as follows:

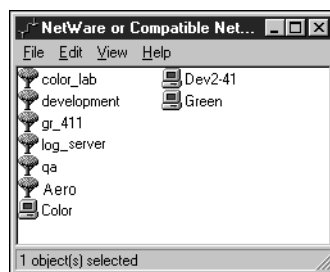
- Configure the Novell network and file server for handling ColorPASS print jobs. The file server should be configured with a print server and print connection for the ColorPASS. For details, see your NetWare documentation.
- Prepare the ColorPASS for IPX printing.
- Set up the IPX connection on the workstation.

NetWare protocols (NWLink IPX/SPX Compatible Transport) and NetWare client services should already be installed on the Windows NT and/or Windows 2000 workstation.

TO SET UP IPX (NOVELL) PRINTING FOR WINDOWS NT 4.0 AND/OR WINDOWS 2000:

1. Double-click Network Neighborhood (Windows NT 4.0) or My Network Places (Windows 2000).
2. Double-click NetWare or Compatible Network.

A list of NetWare servers is displayed.

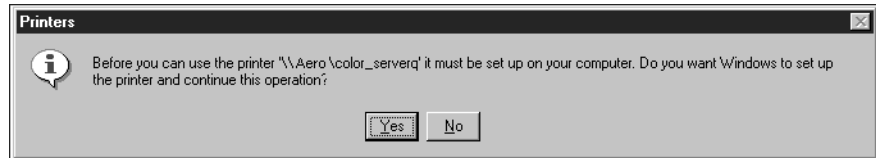


3. Double-click the NetWare Tree or File Server on which the network administrator defined a print connection for the ColorPASS.

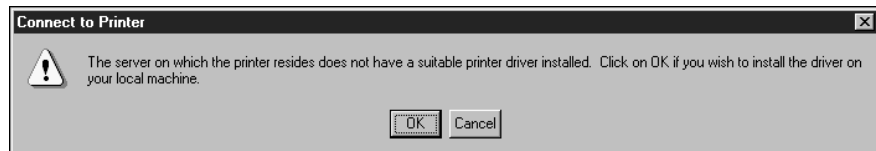
You may have to log in to the file server to see the print connections.

4. Double-click the print connection defined for the ColorPASS.

5. If the NetWare server does not have a suitable driver for the ColorPASS you may be asked if you want to set up the printer on your workstation. Click Yes.



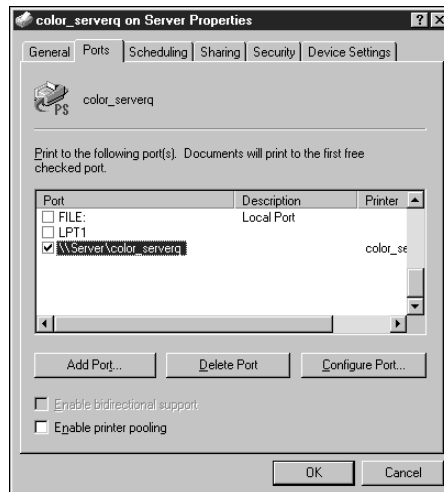
6. Click OK to install the ColorPASS PostScript printer driver (start with step 6 on page 18).



When installation is complete, a new printer window appears, with the name of the print queue on the NetWare server.

7. Choose Properties from the File menu, and then click the Ports tab.

The NetWare queue you just connected to is listed and checked as a port for the ColorPASS.



8. Click the **General** tab and click **Print Test Page**.
9. In the printer **Job Notes** window, enter user and job identification information, and click **OK**.

The ColorPASS polls the NetWare server for print jobs in the print connection defined for the ColorPASS. When you print, your PostScript files are spooled to that connection and transmitted over the queue “port” to the ColorPASS.

The test page job is listed in the queue window until it is printed.

Setting up SMB printing on Windows NT 4.0 and/or Windows 2000

If you do not have a Novell network, you can print via SMB printing (also known as Windows printing or WINS printing). Printing by this method allows you to install the PostScript printer driver and printer description files, and print from your computer to a particular print connection (Hold, Print, or Direct) on the ColorPASS. These instructions assume you have the TCP/IP Protocol and Microsoft TCP/IP printing software installed on the Windows NT and/or Windows 2000 workstation.

To set up printing to a second or third print connection, you must install a new printer driver and PPD file. Repeat the procedure “To set up SMB printing on Windows NT 4.0 and/or Windows 2000” on page 35. If you install more than one printer, give each a descriptive name during printer driver installation, such as Aero-Print or Aero-Hold, so you can easily identify printers.

NOTE: With Windows 2000, you cannot install the driver and configure the printing connection to the ColorPASS in a single procedure. Refer to your Windows documentation for more details.

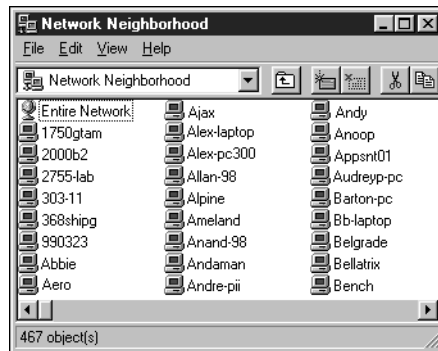
BEFORE YOU BEGIN:

- **Configure the ColorPASS for SMB printing in Network Setup>Service Setup>Windows Setup.**

SMB printing is referred to as Windows Printing in Setup, on the Control Panel Map, and on the Configuration page. For more information, see the *Configuration Guide*.

TO SET UP SMB PRINTING ON WINDOWS NT 4.0 AND/OR WINDOWS 2000:

1. **Double-click Network Neighborhood (Windows NT 4.0) or My Network Places (Windows 2000).**



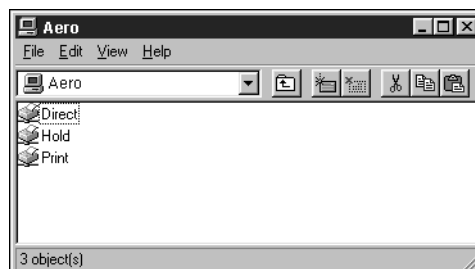
2. **Browse for the printer you would like to print to.**

The printer name you are browsing for is the name entered in Network Setup > Service Setup > Windows Setup > Server Name. Refer to the Configuration page for this information.

The amount of network traffic determines the amount of time required for the Browse function.

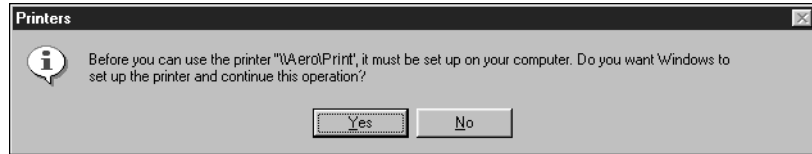
If you are not able to locate your ColorPASS, see your network administrator.

3. **Double-click the name of the ColorPASS to display enabled print connections.**



4. **Double-click the name of the connection you want to print to.**

5. The Printers dialog box appears, asking whether you would like to set up the printer.



6. Select Yes to install the PostScript printer driver and printer description file for the selected connection.

Setting up IPP printing with Windows 2000

With Internet Printing Protocol (IPP), print jobs are sent to the ColorPASS over the Internet.

NOTE: The IPP setup procedures are performed after installing the appropriate printer drivers (see “To install the PostScript printer driver for Windows 2000:” on page 21).

NOTE: IPP printing is not supported on Windows NT.

BEFORE YOU BEGIN:

1. Prepare the ColorPASS for TCP/IP printing.
2. Make sure the ColorPASS is configured for IPP printing in Network Setup > Service Setup > IPP Setup. For more information, see the *Configuration Guide*.
3. Specify the printing destination on your computer. See the following procedure.

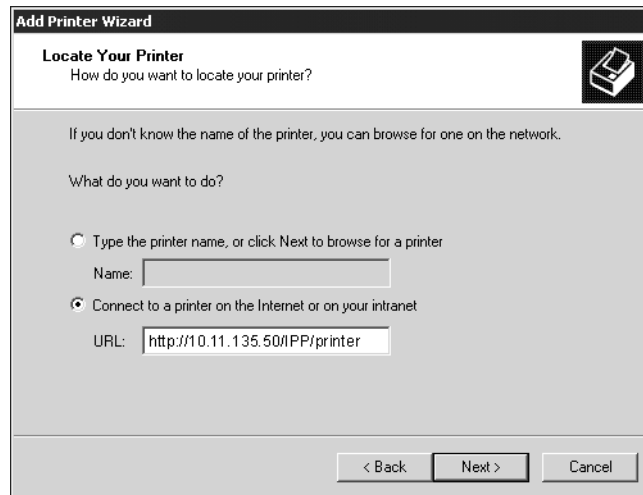
TO SET UP IPP PRINTING WITH WINDOWS 2000:

1. Click the Start button, choose Settings, and then choose Printers.
2. Double-click the Add Printer icon and click Next.
3. Select Network printer and click Next.

4. **Select “Connect to a printer on the Internet or on your intranet.” Enter an IP address or computer name in the URL window.**

The URL for the printer is the IP address followed by “IPP/printer.”

NOTE: You can enter “http”, “ipp”, and “printer” in either lowercases or uppercases.



5. **Click Next.**

The Connect to Printer window appears.

6. **Click OK.**

7. **The Add Printer Wizard dialog box appears.**

If you install the PostScript printer for Windows 2000 for the first time, follow the procedure on page 21.

If you have already installed the printer driver on your computer, choose Canon for Manufacturers, then choose ColorPASS-Z5000 for Printers, and then click OK.

8. **Select Yes if you want the ColorPASS to be the default printer, if not, select No. Click Next.**
9. **Click Finish.**

Installing ColorPASS software

The User Software CD includes software installers for Fiery Link, Fiery Downloader, and the Fiery Scan plug-in. Fiery utility and plug-in software are supported on Windows 95/98, Windows Me, Windows NT 4.0, and Windows 2000 and must be separately installed on each user's computer.

The User Software CD includes the installer for the Command WorkStation application. Command WorkStation software is supported with Windows 95/98/Me and Windows NT 4.0 only. It should be installed only on workstations that are designated for Command WorkStation use.

Fiery Link, ColorWise Pro Tools, and Fiery Downloader

The installers for Fiery Link, ColorWise Pro Tools, and Fiery Downloader are similar. Before you begin installation, determine the following:

- Where do you want to install the utility on your hard disk?
By default, the installer places Fiery Link, ColorWise Pro Tools, and Fiery Downloader in a folder called "Fiery" in the Programs folder.
- What do you want to name the utility folder in the Windows\Start Menu\Programs folder?
By default, the installer names the folder "Fiery."

TO INSTALL FIERY LINK, COLORWISE PRO TOOLS, AND FIERY DOWNLOADER:

1. If you are installing ColorWise Pro Tools, double-click to open the ColorWise Pro folder.

If you are installing Fiery Link, double-click to open the Fiery Link folder.

If you are installing Fiery Downloader, double-click to open the Downloader folder.
2. Double-click the Setup.exe icon.

3. Follow the instructions in the Setup dialog boxes to complete installation.



Use the table below as a guide when installing Fiery Link, ColorWise Pro Tools, and Fiery Downloader. For specific instructions, read the information in each dialog box.

Name of dialog box:	Action:	When finished:
Welcome	Read the Setup program introduction.	Click Next.
Software License Agreement	Read the license agreement.	Click Yes.
Choose Destination Location	Specify a hard disk location for the installed utility software.	Click Next.
Select Program Folder	Specify a folder name for the software located on the Programs menu. By default the folder name is "Fiery."	Click Next.
Setup Complete	Acknowledge that the software installation is complete.	Click Finish.

Command WorkStation

The Command WorkStation software installer is on the User Software CD. In addition to the Command WorkStation application software, the installer installs Java files necessary to use Fiery Setup on the Command WorkStation. Before you begin this installation, determine the following:

- Where do you want to install the software on your hard disk?
By default, the installer places the Command WorkStation software in the Programs\Fiery folder on your hard disk.
- What do you want to name the Command WorkStation folder in the Windows\Start Menu\Programs folder?
By default, the installer names the folder “Command WorkStation.”
- Do you want to place a shortcut to the Command WorkStation application in your Windows\Start Menu\Programs\StartUp folder?
Placing a shortcut in the StartUp folder automatically launches the Command WorkStation application every time you restart your computer.

TO INSTALL COMMAND WORKSTATION SOFTWARE:

1. On the User Software CD, double-click to open the CStation folder.
2. Double-click the Setup.exe icon.
3. Follow the instructions in the Setup dialog boxes to complete installation of Command WorkStation software.

Use the table below as a guide when installing Command WorkStation software. For specific instructions, read the information in each dialog box.

Name of dialog box:	Action:	When finished:
Welcome	Read the Setup program introduction.	Click Next.
Software License Agreement	Read the license agreement.	Click Yes.

Name of dialog box:	Action:	When finished:
Choose Destination Location	Specify a hard disk location for the installed Command WorkStation software.	Click Next.
Select Program Folder	Specify a folder name for the Command WorkStation software located in the Programs menu.	Click Next.
Question	Indicate if you want to place a shortcut to the Command WorkStation application in your StartUp folder.	Click Yes or No.
Setup Complete	Click Finish to install MS Java VM 5.00.3182 on your computer, if it is not already installed, or click Finish to complete Setup.	Click Finish. Restart your computer to initialize Command WorkStation and the Java files.

Adobe Acrobat 4.05

Command WorkStation's DocBuilder Pro feature works in conjunction with Adobe Acrobat 4.05. If you have purchased the DocBuilder Pro option, the Acrobat 4.05 application is included on the Adobe Acrobat 4.05 for DocBuilder Pro CD.

NOTE: If Adobe Acrobat 4.05 is installed after Command WorkStation, or you attempt to use DocBuilder Pro while running a previously installed copy of Acrobat 4.05, you will need to restart Command WorkStation in order to use DocBuilder Pro.

For more information about Adobe Acrobat 4.05 for Windows, see the Readme.pdf file on the Adobe Acrobat 4.05 for DocBuilder Pro CD.

TO INSTALL ADOBE ACROBAT 4.05

1. Insert the Adobe Acrobat 4.05 for DocBuilder Pro CD in the CD-ROM drive.
2. Double-click the AutoPlay.exe icon on the CD and follow the instructions on the screen.

Fiery Scan

The Scan folder contains the TWAIN Fiery Scan Module installer. This installer automatically creates a folder named Twain_32 in the Windows folder on your hard disk, and then installs the Fiery Scan plug-in module into the folder.

You can access the Fiery Scan plug-in from Adobe Photoshop using the TWAIN module. For details, see the *Printing Guide*.

NOTE: Before installing the TWAIN Fiery Scan module, make sure the TWAIN plug-ins (installed with Adobe Photoshop software) are located in the correct Photoshop\Plugins subfolder. If the TWAIN plug-ins have been deleted, you must reinstall Adobe Photoshop software in order to use Fiery Scan.

TO INSTALL THE TWAIN FIERY SCAN MODULE:

- 1. On the User Software CD, double-click to open the Fiery Scan folder.**
- 2. Double-click the Setup.exe icon.**
- 3. Follow the instructions in the Setup dialog boxes to complete installation of the TWAIN Fiery Scan module.**

Use the table below as a guide when installing the TWAIN Fiery Scan module. For specific instructions, read the information in each dialog box.

Name of dialog box:	Action:	When finished:
Welcome	Read the introduction.	Click Next.
Software License Agreement	Read the license agreement.	Click Yes.
Setup Complete	Acknowledge that the software installation is complete.	Click Finish.

Using the software for the first time

Before you can use the newly installed software, you must properly configure the connection to the ColorPASS.

Configuring a connection for Fiery Link

You can use Fiery Link to monitor the status of ColorPASS servers and view information about the print jobs sent to them.

When you click the Edit Fiery List button, all ColorPASS servers on the local subnet appear in the Available Fierys list of the My Fiery List dialog box. You can specify which ColorPASS servers to connect to and monitor from this dialog box. If the ColorPASS is not in your local subnet, you can use Fiery Link options to manually configure a connection, or you can perform an advanced search to locate and connect to ColorPASS servers anywhere on the network. The procedures that follow describe locating and connecting to a ColorPASS server using manual and advanced search methods.

For information on using Fiery Link, see the *Printing Guide*.

NOTE: Fiery Link is supported over TCP/IP only.

TO CONFIGURE THE CONNECTION TO COLORPASS SERVERS IN A LOCAL SUBNET:

- 1. Launch Fiery Link by double-clicking its icon or by choosing it from the Start > Programs > Fiery menu.

The Edit My Fiery List dialog box opens, and all servers found appear in the Available Fierys area of the dialog box.

ColorPASS name, device name (5000), and IP address

Name	Device Name	IP Address
Aero	<device name>	10.10.10.101
Clarice	<device name>	10.10.10.102
Markey	<device name>	10.10.10.103

Name	Device Name	IP Address
------	-------------	------------

NOTE: Only servers that support Fiery Link appear in the Available Fierys area.

- 2. To add a server to the My Fiery List, select it and click the arrow button.

Name	Device Name	IP Address
Aero	<device name>	10.10.10.101
Clarice	<device name>	10.10.10.102
Markey	<device name>	10.10.10.103

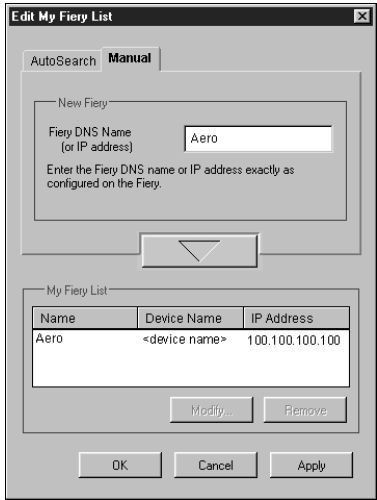
Name	Device Name	IP Address
Clarice	<device name>	10.10.10.102

The server appears in the My Fiery List.
Repeat step 2 for each server you would like to add to the My Fiery List.

- 3. Click **Apply** to accept the changes to My Fiery List.
- 4. Click **OK**.

TO MANUALLY CONFIGURE THE CONNECTION FOR FIERY LINK:

- 1. Click the **Manual** tab. Enter the DNS name or IP address of the ColorPASS and click the arrow button.



When the arrow button is clicked, Fiery Link checks for the specified ColorPASS. If the server is found, it appears in the My Fiery List. If it is not found, an error message appears.

To add the server to the My Fiery List without confirming its existence on the network, hold down the Ctrl key while clicking the arrow button.

- 2. To give the server a nickname, select it in the My Fiery List and click **Modify**.

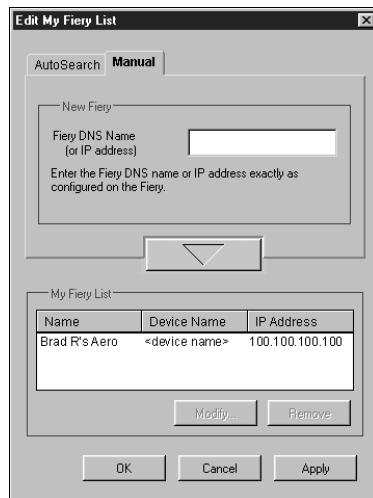
3. Select Use Nickname, and enter a nickname for the ColorPASS.



The "Modify Fiery Attributes" dialog box contains the following fields and controls:

- Name:** A text field containing "Aero".
- Use Nickname:** A checked checkbox.
- Nickname:** A text field containing "Brad R's Aero".
- Device Name:** A text field containing "<device name>".
- Buttons:** "OK" and "Cancel" buttons at the bottom.

4. Click OK.



The "Edit My Fiery List" dialog box has two tabs: "AutoSearch" and "Manual". The "Manual" tab is active.

New Fiery

Fiery DNS Name (or IP address): [Text field]

Enter the Fiery DNS name or IP address exactly as configured on the Fiery.

[Dropdown arrow]

My Fiery List

Name	Device Name	IP Address
Brad R's Aero	<device name>	100.100.100.100

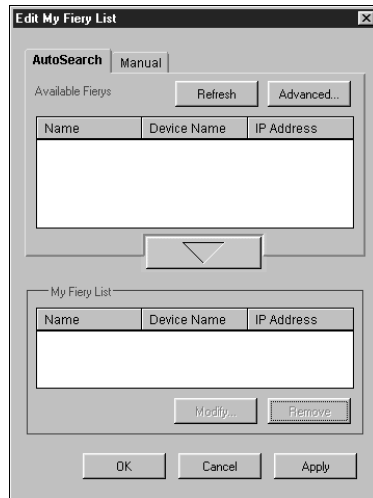
[Modify] [Remove]

[OK] [Cancel] [Apply]

5. Click Apply to accept the changes to My Fiery List.
6. Click OK.

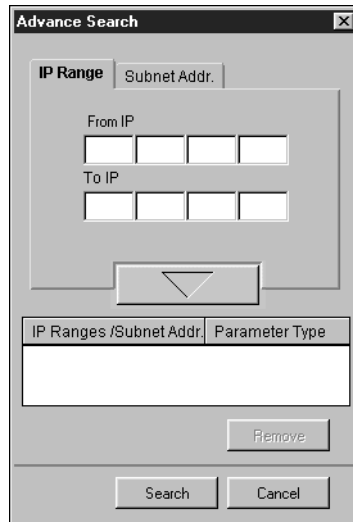
**TO CONFIGURE THE CONNECTION FOR FIERY LINK USING AN
ADVANCED IP SEARCH:**

1. Click the AutoSearch tab.



The 'Edit My Fiery List' dialog box has a title bar with a close button. It contains two tabs: 'AutoSearch' (selected) and 'Manual'. Below the tabs, there are 'Refresh' and 'Advanced...' buttons. A section labeled 'Available Fierys' contains a table with columns 'Name', 'Device Name', and 'IP Address'. Below this table is a downward-pointing arrow button. Another section labeled 'My Fiery List' contains a similar table. Below this table are 'Modify...' and 'Remove' buttons. At the bottom of the dialog are 'OK', 'Cancel', and 'Apply' buttons.

2. Click the Advanced button.



The 'Advance Search' dialog box has a title bar with a close button. It contains two tabs: 'IP Range' (selected) and 'Subnet Addr.'. Below the tabs, there are input fields for 'From IP' and 'To IP', each consisting of four separate boxes. Below these fields is a downward-pointing arrow button. A section contains a table with columns 'IP Ranges /Subnet Addr.' and 'Parameter Type'. Below this table is a 'Remove' button. At the bottom of the dialog are 'Search' and 'Cancel' buttons.

3. To find all servers within an IP address range, enter an IP address in the From IP field, and an IP address in the To IP field, and click the arrow button.

The screenshot shows the 'Advance Search' dialog box. It has two tabs: 'IP Range' (selected) and 'Subnet Addr.'. Under 'IP Range', there are two rows of input fields. The first row is labeled 'From IP' and contains the values '10', '10', '10', and '100'. The second row is labeled 'To IP' and contains the values '10', '10', '10', and '254'. Below these fields is a large downward-pointing arrow button. Underneath the arrow is a table with two columns: 'IP Ranges /Subnet Addr.' and 'Parameter Type'. The table is currently empty. To the right of the table is a 'Remove' button. At the bottom of the dialog are 'Search' and 'Cancel' buttons.

Repeat step 3 for each IP address range you would like to search. To remove an IP address range from the list, select the range in the IP Range/Subnet Addr. window and click the Remove button.

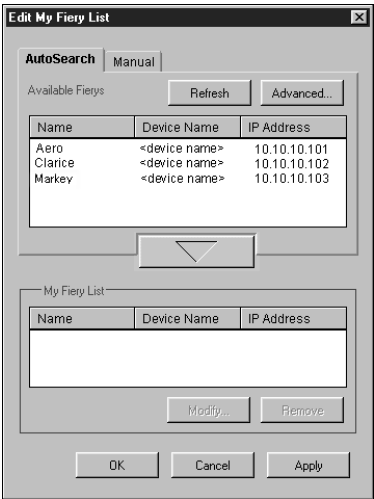
You can also search for the server using a range of subnet values. For more information, see “To configure the connection for Fiery Link using an advanced subnet search” on page 50.

4. Click Search.

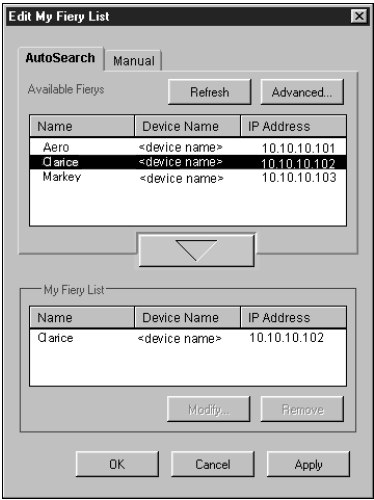
When the search is complete, all servers found appear in the Available Fierys area of the dialog box.

If the ColorPASS was not found, and you would like to search again using the same parameters, click Refresh.

NOTE: Only servers that support Fiery Link appear in the Available Fierys area.



5. To add a server to the My Fiery List, select it and click the arrow button.



The server appears in the My Fiery List.

Repeat step 5 for each server you would like to add to the My Fiery List.

6. Click Apply to accept the changes to My Fiery List.

7. Click OK.

**TO CONFIGURE THE CONNECTION FOR FIERY LINK USING AN
ADVANCED SUBNET SEARCH:**

1. Click the AutoSearch tab.

Edit My Fiery List

AutoSearch | Manual

Available Fierys

Refresh Advanced...

Name	Device Name	IP Address
------	-------------	------------

My Fiery List

Name	Device Name	IP Address
------	-------------	------------

Modify... Remove

OK Cancel Apply

2. Click the Advanced button and click the Subnet Addr. tab.

Advanced Search

IP Range **Subnet Addr.**

IP address

Subnet Mask

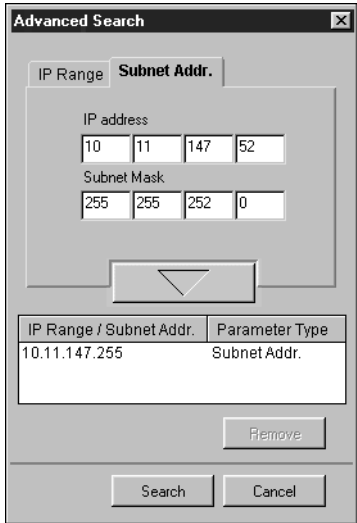
Search

IP Range / Subnet Addr. Parameter Type

Remove

Search Cancel

3. Enter the IP address and subnet to search, and click the arrow button.



The image shows a dialog box titled "Advanced Search". It has two tabs: "IP Range" and "Subnet Addr.". The "Subnet Addr." tab is selected. Inside the dialog, there are two groups of input fields. The first group is labeled "IP address" and contains four fields with the values 10, 11, 147, and 52. The second group is labeled "Subnet Mask" and contains four fields with the values 255, 255, 252, and 0. Below these input fields is a large downward-pointing arrow button. At the bottom of the dialog, there is a table with two columns: "IP Range / Subnet Addr." and "Parameter Type". The table contains one row with the value "10.11.147.255" in the first column and "Subnet Addr." in the second column. Below the table is a "Remove" button. At the very bottom of the dialog are "Search" and "Cancel" buttons.

IP Range / Subnet Addr.	Parameter Type
10.11.147.255	Subnet Addr.

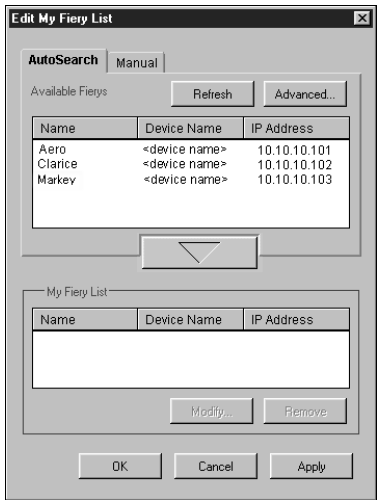
The IP address and subnet to be searched appear in the IP Range/Subnet Addr. list. Repeat this procedure for each IP address and subnet you would like to search.

To remove a subnet value from the IP Range/Subnet Addr. list, select it and click the Remove button.

4. Click Search.

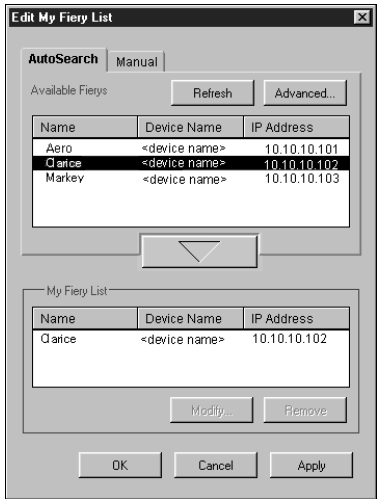
When the search is complete, all servers found appear in the Available Fierys area of the dialog box.

If the ColorPASS was not found, and you would like to search again using the same parameters, click Refresh.



NOTE: Only servers that support Fiery Link appear in the Available Fierys area.

5. To add a ColorPASS server to the My Fiery List, select it and click the arrow button.



The server appears in the My Fiery List.

Repeat step 5 for each server you would like to add to the My Fiery List.

6. **Click Apply to accept the changes to My Fiery List.**
7. **Click OK.**

Configuring the connection for Fiery utilities and the Command WorkStation

The first time you launch Fiery Downloader, Fiery Scan, or the Command WorkStation, you are prompted to configure the connection to the ColorPASS. The same TCP/IP configuration is used for Fiery Downloader, Fiery Scan, or Command Workstation, so any change in one configuration affects all connections. Before you begin, print the Configuration page from the Control Panel. This page contains information you will need when configuring the connection, such as the IP address.

BEFORE YOU BEGIN:

- **Print the Configuration page from the Control Panel and note the IP Address of the ColorPASS.**

If the ColorPASS is already registered in a Domain Name Server (DNS) on your network, you can enter the DNS name of the ColorPASS instead of the IP address. See your Windows system documentation for information.

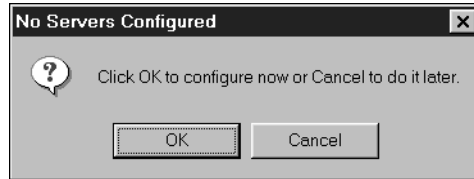
TO CONFIGURE THE CONNECTION FOR FIERY DOWNLOADER, FIERY SCAN, AND COMMAND WORKSTATION:

1. **Launch Fiery Downloader by double-clicking its icon or by choosing it from the Start > Programs > Fiery menu.**

Launch Command WorkStation by double-clicking its icon or by choosing it from the Start > Programs menu.

Launch Photoshop, and open Fiery Scan (for details, see the *Printing Guide*).

2. Click OK.



3. Enter the appropriate information for the ColorPASS.

Nickname—Enter a name for the ColorPASS. This name can be any name you wish; it does not have to match the actual Server Name of the ColorPASS.

NOTE: The nickname cannot contain any of the following seven characters:

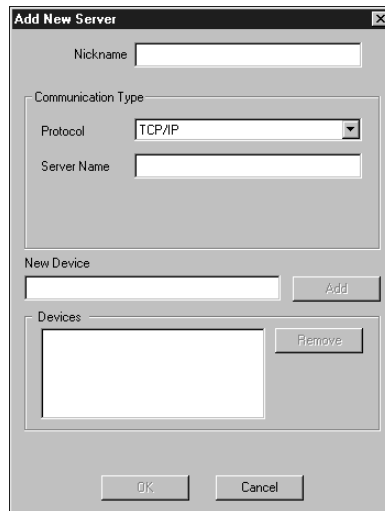
[] _ " ' <space> <tab>

Protocol—Choose the type of network protocol you are using from the pop-up menu.

NOTE: Command WorkStation software is supported on Windows 95/98/Me, Windows 2000, and Windows NT 4.0 over TCP/IP only.

Server Name—If you are using the TCP/IP protocol, enter the IP address (or DNS name) of the ColorPASS.

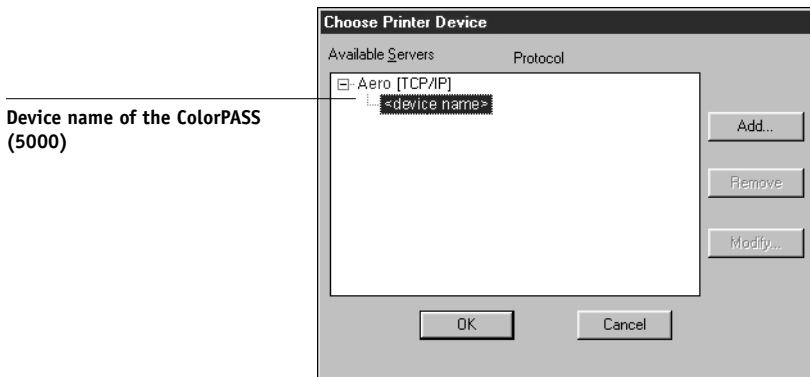
New Device—Enter the name of the device the ColorPASS is connected to: 5000.



For TCP/IP networks

4. When you have entered all the information, click **Add**.
5. With the device name (5000) selected in the **Devices** list, click **OK**.

The ColorPASS appears in the list of available servers. The first line of the entry displays the nickname you gave the server, followed by the protocol you chose. The second line displays the device name.



6. With the device name (5000) selected in the list of Available servers, click **OK** to begin using the software.

Modifying the configuration

You should edit the configuration whenever there is any change to your ColorPASS server or network, such as a server name or IP address. First change the specific ColorPASS Setup information before configuring the connection.

TO MODIFY THE CONFIGURATION:

1. To edit information for a ColorPASS in the list of available servers, select the ColorPASS by its nickname and click **Modify**.
2. Edit information in the **Modify Server Settings** dialog box as necessary, and click **OK** when finished.
3. To add a new ColorPASS to the list of available servers, click **Add**. Configure the **Add New Server** dialog box as outlined in steps 3 through 5 in the previous procedure.
4. To remove a ColorPASS, select the ColorPASS by its nickname, and click **Remove**.

Configuring a connection for ColorWise Pro Tools

The following procedure describes configuring a connection for ColorWise Pro Tools.

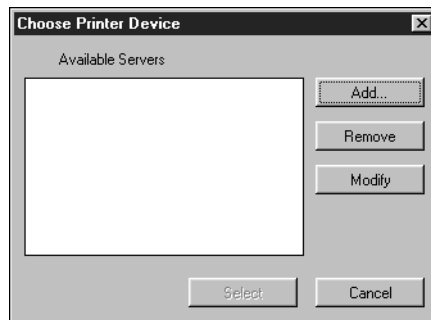
BEFORE YOU BEGIN:

- **Print the Configuration page from the Control Panel and note the IP Address of the ColorPASS.**

You can also set up a Domain Name Server (DNS) for the IP address of the ColorPASS. See your Windows system documentation for information.

TO CONFIGURE THE CONNECTION FOR COLORWISE PRO TOOLS:

1. **Launch ColorWise Pro Tools by double-clicking its icon or by choosing it from the Start > Programs > Fiery Menu.**
2. **The Choose Printer Device dialog box appears.**



3. If you have previously configured a Windows connection to the ColorPASS, then you are ready to use ColorWise Pro Tools. If you have not configured a connection, click Add.

4. Enter the appropriate information for the ColorPASS.

Nickname—Enter a name for the ColorPASS. This can be any name you wish; it does not have to match the actual server name of the ColorPASS.

NOTE: The nickname cannot contain any of the following seven characters:
[] _ " ' <space> <tab>

Protocol—Choose the type of network protocol you are using from the pop-up menu. ColorWise Pro Tools is supported only with TCP/IP, so no selection is necessary.

Server Name—Enter the IP Address (or DNS or hosts name) of the ColorPASS.

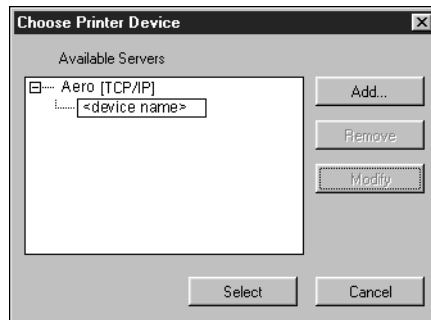
New Device—Enter the name of the device the ColorPASS is connected to: 5000. This device name appears in the Printer Setup section of the Configuration Page.

5. When you have added all the information, click Add.

6. With the device name (5000) selected in the Devices list, click OK.

The ColorPASS appears in the list of available servers. The first line of the entry displays the nickname you gave the server, followed by the protocol. The second line displays the device name.

7. With the device name (5000) selected in the list of Available Servers, click Select to begin using ColorWise Pro Tools.



Modifying the configuration

You should edit the configuration whenever there is any change to your ColorPASS server or network configuration, such as a server name or IP address. First change the specific ColorPASS Setup information before configuring the connection.

TO MODIFY THE CONFIGURATION:

1. To edit information for a ColorPASS in the list of available servers, select the ColorPASS by its nickname and click Modify.
2. Edit information in the Modify Server Settings dialog box as necessary, and click OK when finished.
3. To add a new ColorPASS to the list of available servers, click Add. Configure the ColorPASS in the Add Server dialog box as outlined in step 4 through 5 in the previous procedure.
4. To remove a ColorPASS from the list of available servers, select the ColorPASS by its nickname and click Remove.

Copying color files from the User Software CD

You can copy additional color files from the User Software CD to your hard disk. Many of the files are PostScript files that you can download and print using Fiery Downloader.

Icm folder	ICM monitor setting file and a device profile specially designed for use with the ColorPASS and particular copier models. For instructions on installing see “Installing the ICM profiles on Windows 95/98, Windows Me, Windows NT 4.0, and/or Windows 2000” on page 61.
Clrfiles folder (inside English folder)	<p>Cmyk.ps, an 11-page, letter-size PostScript file to use for reference when defining CMYK colors in applications.</p> <p>Pantone.ps, a 19-page, letter-size PostScript file that indicates the closest equivalent of PANTONE coated colors that the ColorPASS and your particular copier model can produce. The method used to print the Pantone.ps file differs depending on the Spot Color Matching setting. For more information, see the <i>Printing Guide</i> and the <i>Color Guide</i>.</p> <p>Rgb_01.doc, a file you can print from Microsoft Word 97 or later to view available RGB colors.</p> <p>Rgb_02.ppt, a file you can print from PowerPoint 6.0 or later to view available RGB colors.</p>
Calibrat folder (inside English/ Clrfiles folder)	<p>Four PostScript measurements files of color patches: Custom21.ps, Custom34.ps, Stand21.ps, and Stand34.ps.</p> <p>The numbers in the filenames refer to the number of patches on the page. The Custom files are provided to enable you to download measurement patches that incorporate the copier’s current calibration set. The Standard files are provided to enable you to download standard measurement patches that ignore the copier’s current calibration set. For information on how to use these files, see the <i>Color Guide</i>.</p>

NOTE: These files are provided for expert users and should not be used for day-to-day calibration.

Copying the printer description files for Windows

The User Software CD contains printer description files for popular Windows applications. Pagemaker 5.0, 6.0, and 6.5 do not support automatic installation of printer description files from the Printers Control Panel. To make the ColorPASS available in the Print and Page Setup dialog boxes of this application, copy printer description files to the appropriate location.

TO COPY THE PRINTER DESCRIPTION FILES:

- 1. On the User Software CD, open the English\Prntdrv\Ps_drvr folder. Select the folder that corresponds to the system that you are using.**
For Windows 95/98/Me, select English\Prntdrv\Ps_drvr\Win_9x.
For Windows NT, select English\Prntdrv\Ps_drvr\Win_NT4x.
For Windows 2000, select English\Prntdrv\Ps_drvr\Win_2000.
- 2. Copy the printer description file for your ColorPASS to the appropriate location.**

If you use:	Copy this file:	To this location:
PageMaker 5.0 or later	Efnc6010.pdd	For PageMaker 5.0, \ALDUS\USENGLSH\PPD4 For PageMaker 6.0, \PM6\RSRC\USENGLSH\PPD4 For PageMaker 6.5, \PM65\RSRC\USENGLSH\PPD4

Installing the ICM profiles on Windows 95/98, Windows Me, Windows NT 4.0, and/or Windows 2000

The ICM profiles included in the Icm folder on the User Software CD are for use with ColorWise Pro Tools. They can also be used with applications that support ICC standards such as Photoshop. For most ICC aware applications, the files must be installed into a folder named Color in the System folder. For use with ColorWise Pro Tools, the files can be copied to a folder of your choice.

For more information on using ICC profiles with ColorWise Pro Tools, see the *Color Guide*.

TO INSTALL THE ICM PROFILES ON WINDOWS 95/98, WINDOWS ME, WINDOWS NT 4.0, AND/OR WINDOWS 2000:

1. On the User Software CD, open the Icm folder.
2. If you are using Windows 95/98 or Windows Me, copy the profiles to the Windows\System\Color folder on your hard disk.

If you are using Windows NT or Windows 2000, copy the profiles to the Winnt\System32\Color folder on your hard disk.

NOTE: If a folder named “Color” does not exist in the Sytem32 folder, create one and install the profiles into it.

Loading the monitor settings file

The Efirgb.icm monitor settings file can be used in Photoshop, or other applications that support ICM profiles, to define a source color space for printing to the ColorPASS.

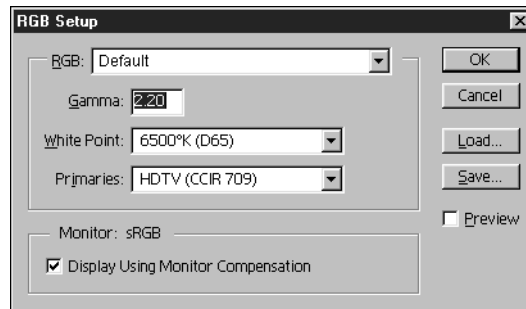
These instructions assume you have installed the ICM profiles included on the User Software CD. For more information, see the previous section.

NOTE: The internal name of an ICC profile may vary slightly from its filename.

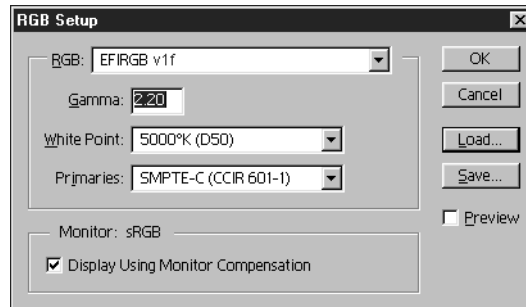
NOTE: If you use Fiery Scan, you should install the monitor settings profile.

TO LOAD THE MONITOR SETTINGS FILE FOR PHOTOSHOP 5.X:

1. **Launch Photoshop.**
2. **From the File menu, choose Color Settings, and from the Color Settings submenu, choose RGB Setup.**
3. **In the RGB Setup dialog box, click Load.**



4. **For Windows 95/98 and Windows Me, browse to the Windows\System\Color, select Efirgb.icm, and click Load.**



For Windows NT 4.0 and Windows 2000, browse to the Winnt\System32\Color folder, select Efirgb.icm, and click Load.

The Efirgb v1f file appears as the selection in the RGB pop-up menu of the RGB Setup dialog box.

5. **Click OK.**

For more information about ICM profiles, see your application's documentation.

Loading the ICM device profile

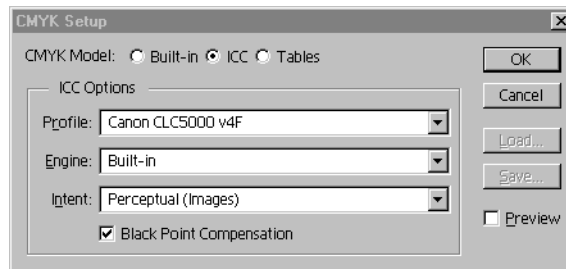
The ICM copier profile defines the target color space for printing to the copier.

These instructions assume you have installed the ICM profiles included on the User Software CD. For more information, see “Installing the ICM profiles on Windows 95/98, Windows Me, Windows NT 4.0, and/or Windows 2000” on page 61.

NOTE: The internal name of an ICC profile may vary slightly from its file name.

TO LOAD THE ICM DEVICE PROFILE IN PHOTOSHOP 5.X:

1. **Launch Photoshop.**
2. **From the File menu, choose Color Settings, and from the Color Settings submenu, choose CMYK Setup.**
3. **In the CMYK Setup dialog box, choose ICC as the CMYK color model.**
4. **Select the profile that corresponds to the ColorPASS from the Profile pop-up menu.**



5. **Click OK.**

For more information about ICC profiles, see your application's documentation.

Installing User Software on a Mac OS Computer

The general steps for installing the ColorPASS user software and setting up printing on a Mac OS computer are:

- Install the Adobe PostScript printer driver and PostScript Printer Description file (PPD).
- Set up the ColorPASS in the Chooser.
- Install the Fiery utilities (ColorWise Pro Tools, Fiery Link, Fiery Downloader, and Fiery Spooler).
- Install Fiery Scan plug-in.
- Install the printer and screen fonts.
- Configure the connection for ColorWise Pro Tools, Fiery Link, Fiery Downloader, and Fiery Spooler.
- Copy additional color-reference and application-specific files from the User Software CD as needed.

Setting up the ColorPASS as a PostScript printer

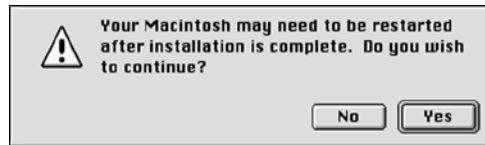
To set up the ColorPASS as a PostScript printer, you must install the Adobe PostScript printer driver, and the PPD file that corresponds to your copier. The Adobe PostScript printer driver and PPD files are provided on the User Software CD.

Printer drivers provide a way to communicate information on print jobs between your applications, the ColorPASS, and any other PostScript printer connected to your computer. Use the following procedures if you are installing from the User Software CD.

TO INSTALL THE ADOBEPS PRINTER DRIVER AND PPD FILE:

1. On the User Software CD, open the English: Printer Driver folder.
2. Double-click the AdobePS 8.7 Installer icon.

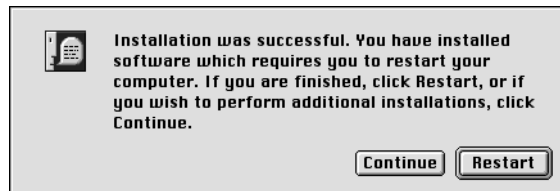
A warning dialog box appears.



3. Click Yes to continue with installation of printer driver software, and to confirm that your computer must be restarted after installation.

The AdobePS Installer installs the Adobe PostScript printer driver, and the PPD file that corresponds to your copier.

4. Click Restart when installation is complete.



NOTE: If you operate the ColorPASS in a copy shop, quick print shop, or service bureau, you might want to provide copies of the printer driver, PPD file, any ICC profiles or separation tables used in conjunction with the image, and relevant documentation to customers. This ensures that jobs they create and print to files are properly formatted for printing to the ColorPASS.

Setting up the ColorPASS in the Chooser

After you install the Adobe PostScript printer driver and PPD file (see “Setting up the ColorPASS as a PostScript printer” on page 65), you need to set up the ColorPASS in the Chooser in order to take full advantage of its features. This section describes how to set up the ColorPASS with the AdobePS printer driver.

TO SET UP THE COLORPASS IN THE CHOOSE:

1. **Select Chooser from the Apple menu.**

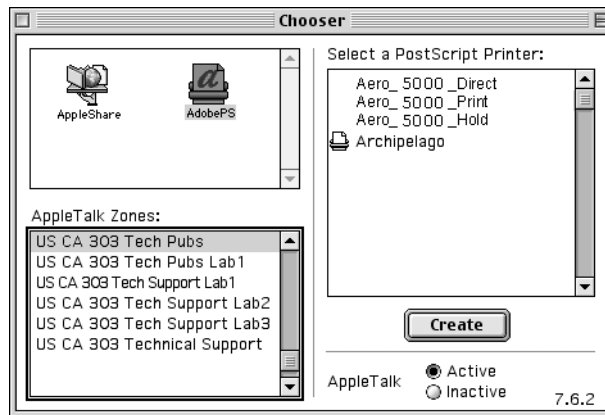
Make sure AppleTalk is set to Active.

2. **Select the correct AppleTalk Zone, if necessary.**

3. **Click the AdobePS icon.**

The ColorPASS appears in the Select a PostScript Printer list in the form of <server name>_<device name>_<print connection>. The device name (5000) is the internal name of your copier.

NOTE: Only the print connections (Direct, Hold, and Print) that have been enabled in Setup appear in the Chooser.



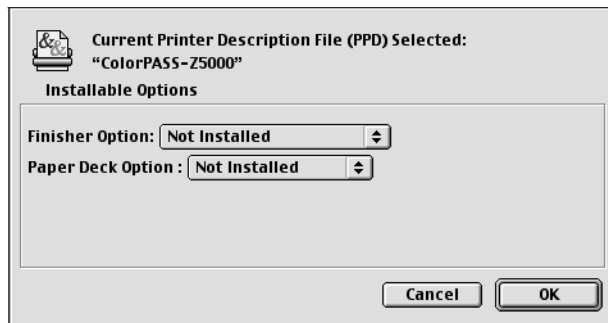
4. **Select a ColorPASS connection from the “Select a PostScript Printer” list, and click Create.**

The AdobePS printer driver automatically selects the correct PPD file for your ColorPASS.

NOTE: You will need to set up each print connection separately. Repeat step 4 for all enabled connections.

5. **In the Chooser list, an icon appears next to the newly installed ColorPASS; select it and click Setup.**

6. Click **Configure** in the dialog box that appears.
7. In the **Installable Options** dialog box, select the appropriate settings from the pop-up menus, and click **OK**.



Finisher Option—Not Installed, Buffer Pass Unit Only, Stapler Sorter, Finisher

Paper Deck Option—Not installed, Paper Deck-K1, Paper Deck-J1

8. Close the Chooser.

Installing ColorPASS software and fonts

The Mac OS installers function essentially the same for each type of software. Before you begin each installation, determine where you want to install each item on your hard disk. Otherwise, the software is placed by default as described below:

- If you are using ColorSync 2.5 or later, install the profiles into the ColorSync Profiles folder inside the System folder. If you are using an earlier version of ColorSync, install the profiles to the ColorSync Profiles folder inside the System:Preferences folder. The printer profile can be moved to a folder of your choice.
- Fiery Downloader, Fiery Spooler, ColorWise Pro Tools and Fiery Link in a folder named “Fiery f” on the top level of your hard disk.
- Fiery Scan installer prompts you to locate your Photoshop Plug-Ins folder.

The installer also creates a folder named TWAIN in your System folder:Preferences folder, and installs a Fiery Scan module and Source Manager file into that folder.

- Fonts in the System folder: Fonts folder on your hard disk.
- For instructions on installing Fonts, see “Fonts” on page 87.

TO INSTALL MAC OS SOFTWARE:

1. **On the User Software CD, double-click the Installer icon of the item you would like to install.**
2. **Read the Software License Agreement, and click Accept.**
3. **Click Install to copy the item to the default location, or navigate to a location in which to install the item.**

Use the table below as a guide when installing software.

If you are installing:	Action:	To install:
Fiery Downloader	Specify a hard disk location for Fiery Downloader software.	Click Install.
Fiery Scan	Navigate to your Photoshop: Plug-ins folder. The Fiery Scan module and Source Manager file is automatically installed to your System Folder: Preferences folder.	Click OK.
Fiery Link	Specify a hard disk location for Fiery Link software.	Click Install.
ColorWise Pro Tools	Specify a hard disk location for ColorWise Pro Tools software.	Click Install.
Fiery Spooler	Specify a hard disk location for Fiery Spooler software.	Click Install.

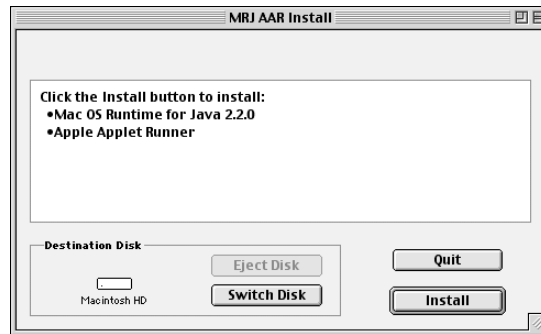
4. **If prompted, click Quit to close the software installer.**

In order to use ColorWise Pro Tools, Fiery Spooler, or Fiery Link you must have Mac OS Runtime for Java (MRJ 2.2) installed on your computer.

If you do not have MRJ installed, the ColorWise Pro Tools, Fiery Spooler, or Fiery Link installer automatically initiates the MRJ 2.2 installation process.

TO INSTALL MAC OS RUNTIME FOR JAVA:

1. Read the Apple Computer Inc., License Agreement and click Agree to install the software.
2. Click Install.



Some files are installed.

3. Click Quit.

You are now ready to configure the ColorWise Pro Tools, Fiery Spooler, and Fiery Link connection to the ColorPASS, as described below.

Configuring a connection for ColorWise Pro Tools

The first time you use ColorWise Pro Tools you are prompted to configure a connection to the ColorPASS.

NOTE: ColorWise Pro Tools function only over TCP/IP networks.

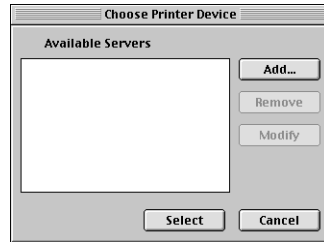
BEFORE YOU BEGIN:

- Print the Configuration page from the Control Panel and note the IP address of the ColorPASS.

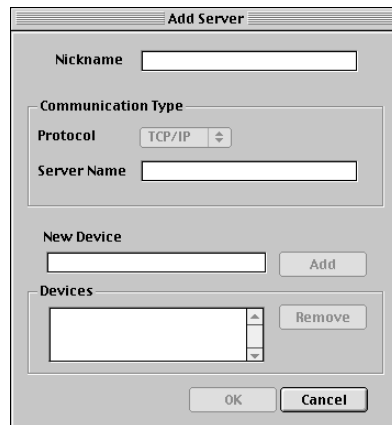
TO CONFIGURE A CONNECTION FOR COLORWISE PRO TOOLS:

1. **Launch the utility by double-clicking its icon.**

The Choose Printer Device dialog box appears.



2. **If you have previously configured a connection to the ColorPASS, then you are ready to use ColorWise Pro Tools. If you have not configured a connection, click Add.**



3. **Enter the appropriate information for the ColorPASS.**

Nickname—Enter a name for the ColorPASS. This can be any name you wish; it does not have to match the actual server name of the ColorPASS.

NOTE: The nickname cannot contain any of the following seven characters:

[] _ " ' <space> <tab>

Protocol—Choose the type of network protocol you are using from the pop-up menu. ColorWise Pro Tools is supported only with TCP/IP, so no selection is necessary.

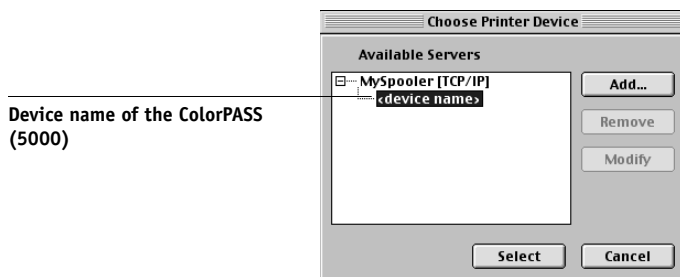
Server Name—Enter the IP address (or DNS or hosts name) of the ColorPASS.

New Device—Enter the name of the device the ColorPASS is connected to: 5000. This device name appears in the Printer Setup section of the Configuration page.

4. When you have added all the information, click **Add**.
5. With the device name (5000) selected in the **Devices** list, click **OK**.

The ColorPASS appears in the list of available servers. The first line of the entry displays the nickname you gave the server, followed by the protocol. The second line displays the device name.

6. With the device name (5000) selected in the list of **Available Servers**, click **Select** to begin using ColorWise Pro Tools.



Modifying the configuration

You should edit the configuration whenever there is any change in your original configuration, such as a change of IP address. First, change the specific ColorPASS Setup information before configuring the connection.

TO MODIFY THE CONFIGURATION:

1. To edit information for a ColorPASS in the list of available servers, select the ColorPASS by its nickname and click **Modify**. Edit information in the **Modify Server Settings** dialog box as necessary, and click **OK** when finished.
2. To add a new ColorPASS to the list of available servers, click **Add**. Configure the **Add New Server** dialog box as outlined in steps 3 through step 5 in the previous procedure.
3. To remove a ColorPASS from the list of available servers, select the ColorPASS by its nickname and click **Remove**.

Configuring a connection for Fiery Spooler

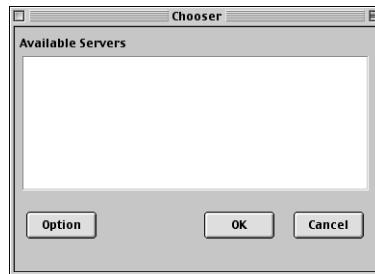
BEFORE YOU BEGIN:

- Print the Configuration page from the Control Panel and note the IP address of the ColorPASS.

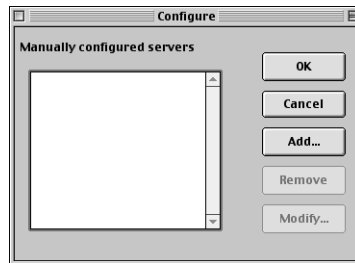
TO CONFIGURE A CONNECTION FOR FIERY SPOOLER:

1. Launch the utility by double-clicking its icon.

The Chooser dialog box appears.



2. Click Option.



3. Click Add.



4. Enter the appropriate information for the ColorPASS.

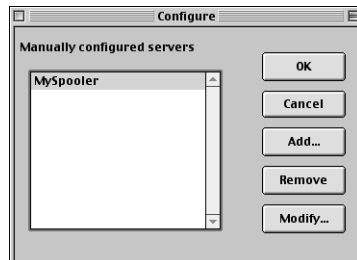
Name—Enter the IP address (or DNS name) of the ColorPASS.

New Device—Enter the name of the device that the ColorPASS is connected to: 5000. This device name appears in the Printer Setup section of the Configuration page.

5. When you have entered all the information, click Add.

6. With the device name (5000) selected, click OK.

The ColorPASS appears in a list of configured servers.



7. Click OK in the Configure dialog box.

The ColorPASS appears in a list of available servers.

8. With the ColorPASS selected in the list of available servers, click **OK** to begin using Fiery Spooler.

Modifying the configuration

You should edit the configuration whenever there is any change to your ColorPASS or network, such as an IP address or device change. First change the specific ColorPASS Setup information before configuring the connection.

TO MODIFY THE CONFIGURATION:

1. In the Chooser dialog box, click **Option**.
2. To edit information for a ColorPASS, select the ColorPASS by its IP address or DNS name and click **Modify**. Edit information in the Settings dialog box as necessary, and click **OK** when finished.
3. To add a new ColorPASS, click **Add**. Configure the Settings dialog box as outlined in step 4 through step 6 in the previous procedure.
4. To remove a ColorPASS, select the ColorPASS by its IP address or DNS name and click **Remove**.

The list of available servers reflects the modifications you have made.

Configuring a connection for Fiery Link

You can use Fiery Link to monitor the status of ColorPASS servers and view information about the print jobs sent to them.

When you click the Edit Fiery List button, all ColorPASS servers on the local subnet appear in the Available Fierys list of the My Fiery List dialog box. You can specify which ColorPASS servers to connect to and monitor from this dialog box. If the ColorPASS is not in your local subnet, you can use Fiery Link options to manually configure a connection, or you can perform an advanced search to locate and connect to ColorPASS servers anywhere on the network. The procedures below describe locating and connecting to a ColorPASS server using manual and advanced search methods. For information on using Fiery Link, see the *Printing Guide*.

NOTE: Fiery Link is supported over TCP/IP only.

To CONFIGURE A CONNECTION TO COLORPASS SERVERS IN THE LOCAL SUBNET:

1. Launch Fiery Link by double-clicking its icon.

The Edit My Fiery List dialog box opens, and all ColorPASS servers found appear in the Available Fierys area of the dialog box.

ColorPASS name, device name
(5000), and IP address

Edit My Fiery List

AutoSearchManual

Available Fiery:

RefreshAdvanced...

Name	Device Name	IP Address
Aero	<device name>	10.10.10.101
Clarice	<device name>	10.10.10.102
Markey	<device name>	10.10.10.103

My Fiery List

Name	Device Name	IP Address
------	-------------	------------

Modify...Remove

OKCancelApply

NOTE: Only servers that support Fiery Link appear in the Available Fierys area.

2. To add a server to the My Fiery List, select it and click the arrow button.

Edit My Fiery List

AutoSearchManual

Available Fiery:

RefreshAdvanced...

Name	Device Name	IP Address
Aero	<device name>	10.10.10.101
Clarice	<device name>	10.10.10.102
Markey	<device name>	10.10.10.103

My Fiery List

Name	Device Name	IP Address
Clarice	<device name>	10.10.10.102

Modify...Remove

OKCancelApply

The server appears in the My Fiery List.

Repeat step 2 for each server you would like to add to the My Fiery List.

3. Click **Apply** to accept the changes to My Fiery List.
4. Click **OK**.

TO MANUALLY CONFIGURE THE CONNECTION FOR FIERY LINK:

1. Click the **Manual** tab. Enter the DNS name or IP address of the ColorPASS and click the arrow button.

Edit My Fiery List

AutoSearch **Manual**

New Fiery

Fiery DNS Name (or IP address)

Enter the Fiery name or IP address exactly as configured on the Fiery.

My Fiery List

Name	Device Name	IP Address
Aero	<device name>	100.100.100.100

When the arrow button is clicked, Fiery Link checks for the specified ColorPASS. If the server is found, it appears in the My Fiery List. If it is not found, an error message appears.

To add the server to the My Fiery List without confirming its existence on the network, hold down the Control key while clicking the arrow button.

2. To give the server a nickname, select it in the My Fiery List and click **Modify**.

3. Select Use Nickname, and enter a nickname for the ColorPASS.

The 'Modify Fiery Attributes' dialog box contains the following fields and controls:

- Name:** A text field containing the text 'Aero'.
- Use Nickname:** A checked checkbox.
- Nickname:** A text field containing the text 'Brad R's Clarice'.
- Device Name:** A text field containing the text '<device name>'.
- Buttons:** 'OK' and 'Cancel' buttons at the bottom.

4. Click OK.

The 'Edit My Fiery List' dialog box features two tabs: 'AutoSearch' and 'Manual'. The 'Manual' tab is active, showing a 'New Fiery' section with a 'Fiery DNS Name (or IP address)' field containing 'Aero'. Below this is a note: 'Enter the Fiery name or IP address exactly as configured on the Fiery.' A downward-pointing arrow button is located below the 'New Fiery' section. The 'My Fiery List' section contains a table with the following data:

Name	Device Name	IP Address
Brad R's Clarice	<device name>	100.100.100.100

Below the table are 'Modify...' and 'Remove' buttons. At the bottom of the dialog are 'OK', 'Cancel', and 'Apply' buttons.

5. Click Apply to accept the changes to My Fiery List.
6. Click OK.

**TO CONFIGURE THE CONNECTION FOR FIERY LINK USING AN
ADVANCED IP SEARCH:**

1. Click the AutoSearch tab.

The screenshot shows the 'Edit My Fiery List' dialog box. It has two tabs: 'AutoSearch' (selected) and 'Manual'. Under 'AutoSearch', there is a section 'Available Fierys' with a 'Refresh' button and an 'Advanced...' button. Below this is a table with columns 'Name', 'Device Name', and 'IP Address'. The table is currently empty. Below the table is a downward-pointing arrow button. Below the arrow button is a section 'My Fiery List' with a table having the same columns: 'Name', 'Device Name', and 'IP Address'. This table is also empty. Below the table are 'Modify...' and 'Remove' buttons. At the bottom of the dialog are 'OK', 'Cancel', and 'Apply' buttons.

2. Click the Advanced button.

The screenshot shows the 'Advanced Search' dialog box. It has two tabs: 'IP Range' (selected) and 'Subnet Addr.'. Under 'IP Range', there is a section 'From IP' with four input boxes, and a section 'To IP' with four input boxes. Below these is a downward-pointing arrow button. Below the arrow button is a table with columns 'IP Range / Subnet Addr' and 'Parameter Type'. The table is currently empty. Below the table is a 'Remove' button. At the bottom of the dialog are 'Search' and 'Cancel' buttons.

3. To find all servers within a specified IP range, enter an IP Address in the From IP field, and an IP address in the To IP field and click the arrow button.

The image shows a dialog box titled "Advanced Search". It has two tabs: "IP Range" (selected) and "Subnet Addr.". Under the "IP Range" tab, there are two sections: "From IP" and "To IP". The "From IP" section has four input fields containing "10", "10", "10", and "100". The "To IP" section has four input fields containing "10", "10", "10", and "254". Below these sections is a large downward-pointing arrow button. Underneath the arrow is a table with two columns: "IP Range / Subnet Addr." and "Parameter Type". The table contains one row with the value "10.10.10.100 - 254" in the first column and "IP Range" in the second column. Below the table is a "Remove" button. At the bottom of the dialog are "Search" and "Cancel" buttons.

IP Range / Subnet Addr.	Parameter Type
10.10.10.100 - 254	IP Range

Repeat step 3 for each range of IP addresses you would like to search.

To remove an IP range from the list, select the range in the IP Range/Subnet Addr. window and click the Remove button.

You can also search for the ColorPASS using a range of subnet values. For more information see "To configure the connection for Fiery Link using an advanced subnet search" on page 82.

4. **Click Search.**

When the search is complete, all servers found appear in the Available Fierys area of the dialog box.

If the ColorPASS was not found, and you would like to search again using the same parameters, click Refresh.

Edit My Fiery List

AutoSearch | Manual

Available Fiery: **Refresh** **Advanced...**

Name	Device Name	IP Address
Aero	<device name>	10.10.10.101
Clarice	<device name>	10.10.10.102
Markey	<device name>	10.10.10.103

My Fiery List

Name	Device Name	IP Address
------	-------------	------------

Modify... **Remove**

OK **Cancel** **Apply**

NOTE: Only servers that support Fiery Link appear in the Available Fierys area.

5. To add a server to the My Fiery List, select it and click the arrow button.

Edit My Fiery List

AutoSearch | Manual

Available Fiery: **Refresh** **Advanced...**

Name	Device Name	IP Address
Aero	<device name>	10.10.10.101
Clarice	<device name>	10.10.10.102
Markey	<device name>	10.10.10.103

My Fiery List

Name	Device Name	IP Address
Clarice	<device name>	10.10.10.102

Modify... **Remove**

OK **Cancel** **Apply**

The server appears in the My Fiery List.

Repeat step 5 for each server you would like to add to the My Fiery List.

6. Click **Apply** to accept the changes to My Fiery List.
7. Click **OK**.

**TO CONFIGURE THE CONNECTION FOR FIERY LINK USING AN
ADVANCED SUBNET SEARCH:**

1. Click the **AutoSearch** tab and click the **Advanced** button.

Edit My Fiery List

AutoSearch | Manual

Available Fierys

Name	Device Name	IP Address
------	-------------	------------

My Fiery List

Name	Device Name	IP Address
------	-------------	------------

2. Click the Subnet Addr. tab.

The 'Advanced Search' dialog box has the 'Subnet Addr.' tab selected. It contains two groups of four input boxes each, labeled 'IP address' and 'Subnet Mask'. Below these is a downward-pointing arrow button. At the bottom, there is a table with two columns: 'IP Range / Subnet Addr.' and 'Parameter Type'. The table is currently empty. Below the table are 'Search' and 'Cancel' buttons, and a 'Remove' button is located above them.

3. Enter the IP address and subnet to search, and click the arrow button.

The 'Advanced Search' dialog box shows the 'Subnet Addr.' tab with the following values entered: IP address (10, 11, 147, 52) and Subnet Mask (255, 255, 252, 0). The downward arrow button is now active. The table below has one row: '10.11.147.255' under 'IP Range / Subnet Addr.' and 'Subnet Addr.' under 'Parameter Type'. The 'Search' and 'Cancel' buttons are at the bottom, and the 'Remove' button is above them.

The IP address and subnet to be searched appear in the IP Range/Subnet Addr. list. Repeat this procedure for each IP address and subnet you would like to search.

To remove a subnet value from the IP Range/Subnet Addr. list, select it and click the Remove button.

4. Click Search.

When the search is complete, all servers found appear in the Available Fierys area of the dialog box.

If the ColorPASS was not found, and you would like to search again using the same parameters, click Refresh.

Edit My Fiery List

AutoSearch | Manual

Available Fiery:

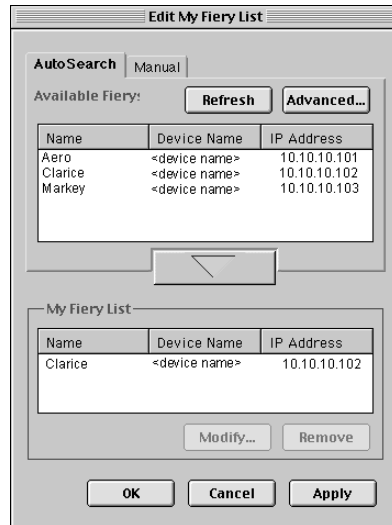
Name	Device Name	IP Address
Aero	<device name>	10.10.10.101
Clarice	<device name>	10.10.10.102
Markey	<device name>	10.10.10.103

My Fiery List

Name	Device Name	IP Address
------	-------------	------------

NOTE: Only servers that support Fiery Link appear in the Available Fierys area.

5. To add a ColorPASS server to the My Fiery List, select it and click the arrow button.



The server appears in the My Fiery List.

Repeat step 5 for each server you would like to add to the My Fiery List.

6. Click **Apply** to accept the changes to My Fiery List.
7. Click **OK**.

Configuring a connection for Fiery Downloader

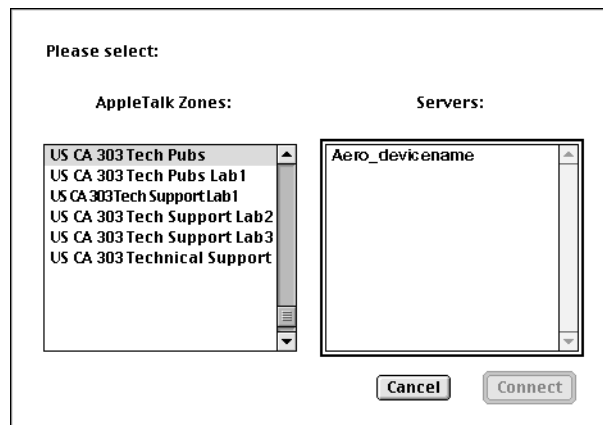
When you launch Fiery Downloader you must specify a ColorPASS to connect to.

BEFORE YOU BEGIN:

- Print the Configuration page from the Control Panel and note the AppleTalk zone of the ColorPASS.

TO SPECIFY A COLORPASS TO CONNECT TO:

1. Double-click the Fiery Downloader icon.

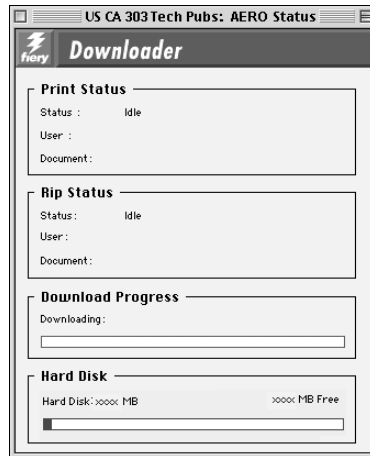


2. Select the AppleTalk zone in which the ColorPASS is located from the AppleTalk Zones list.

The available servers appear in the Servers list.

3. Select the ColorPASS to connect to from the Servers list.
4. Click Connect.

5. The Fiery Downloader dialog box appears.



For information on how to use Fiery Downloader, see the *Printing Guide*.

Fonts

The Fonts installer on the User Software CD includes screen and printer fonts that correspond to the 136 built-in PostScript printer fonts on the ColorPASS. The Font installer copies both kinds of fonts to the System folder:Fonts folder on your hard disk. To be available to applications, the screen fonts must remain in the System:Fonts folder. The printer fonts can be copied to a folder of your choice.

NOTE: In the System:Fonts folder, when displayed by Kind, screen fonts appear as type “Font Suitcase” and PostScript printer fonts appear as type “PostScript™ font.”

TO INSTALL SCREEN AND PRINTER FONTS:

1. On the User Software CD, double click the Fonts icon to launch the Fonts installer.
2. Click Install.

By default the fonts are installed to the System folder:Fonts folder on your hard disk.

If you have any applications open, you must quit and relaunch them before the newly installed screen fonts are available.

Copying color files from the User Software CD

You can copy additional color files from the User Software CD to your hard disk. Many of the files are PostScript files that you can download and print using Fiery Downloader.

The User Software CD contains the following color files:

ColorSync files (inside the ColorSync Folder)	If you are using ColorSync 2.5 or later, install the profiles into the ColorSync Profiles folder inside the System folder. If you are using an earlier version of ColorSync, install the profiles to the ColorSync Profiles folder inside the System:Preferences folder. The printer profile can be moved to a folder of your choice.
Color Files folder (inside the English folder)	<p>CMYK Color Reference.ps, an 11-page, letter-size PostScript file to use for reference when defining CMYK colors in applications.</p> <p>PANTONE Book.ps, a 19-page, letter-size PostScript file that indicates the closest equivalent of PANTONE coated colors that the ColorPASS and your particular copier model can produce. The method used to print the PANTONE Book.ps file differs depending on the Spot Color Matching setting. For more information, see the <i>Printing Guide</i> and the <i>Color Guide</i>.</p> <p>RGB page 01, a file you can print from Microsoft Word 97 or later to view available RGB colors.</p> <p>RGB page 02, a file you can print from PowerPoint 6.0 or later to view available RGB colors.</p>
Calibration folder (inside Color Files folder)	<p>Four PostScript measurements files of color patches: custom21.ps, custom34.ps, standard21.ps and standard34.ps. The numbers in the filenames refer to the number of patches on the page. The Custom files are provided to enable you to download measurement patches that ignore the copier's current calibration set. The Standard files are provided to enable you to download standard measurement patches that ignore the copier's current calibration set. For information on how to use these files, see the <i>Color Guide</i>.</p> <p>These files are provided for expert users and should not be used for day-to-day calibration.</p>

Loading ICC profiles

The ICC profiles installed are for use with ColorWise Pro Tools and applications that support ICC standards.

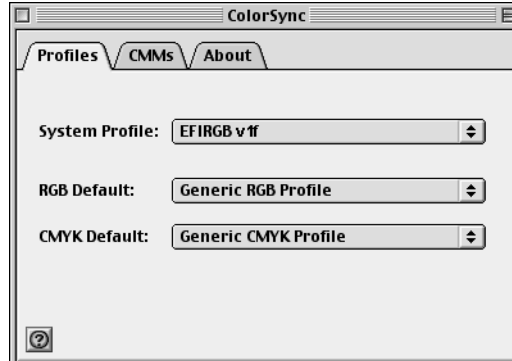
These instructions assume that you have already installed the ICC profiles included on the User Software CD. For more information, see “Copying color files from the User Software CD” on page 88.

NOTE: The internal name of an ICC profile may vary slightly from its filename.

The following procedure describes installing the ICC profiles with ColorSync 4.0. For more information about ColorSync, see your application’s documentation.

TO SET THE COLORSYNC SYSTEM PROFILE:

1. Choose **Control Panels>ColorSync** from the Apple Menu.
2. Select **EFIRGB ICC v1f** from the System Profile list.



When selected as the ColorSync system profile, EFIRGB ICC v1f sets the optimal source color space for printing to the ColorPASS. The color space set by the EFIRGB ICC v1f profile is the same as that set by the EFIRGB setting of the RGB Source Profile print option.

NOTE: The RGB Source Profile print option setting overrides the ColorSync system profile setting.

3. Close the ColorSync window.

For more information about ICC profiles, see your application’s documentation.

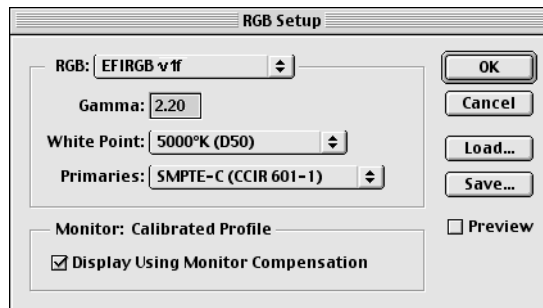
Loading the monitor settings file

The EFIRGB ICC monitor settings file can be used in Photoshop, or other applications that support ICC profiles to define a source color space for printing to the ColorPASS.

NOTE: For best results, the monitor settings file should be installed if you use Fiery Scan.

TO LOAD THE MONITOR SETTINGS FILE IN PHOTOSHOP 5.X:

1. **Launch Photoshop.**
2. **From the File menu, choose Color Settings, and from the Color Settings submenu, choose RGB Setup.**
3. **In the RGB Setup dialog box, click Load.**
4. **Browse to the System folder: Preferences: ColorSync Profiles, select the EFIRGB ICC file, and click Open.**



NOTE: If you are using ColorSync 2.5 or later, the ColorSync profile is located in System Folder: ColorSync Profiles.

The EFIRGB v1f file appears as the selection in the RGB pop-up menu of the RGB Setup dialog box.

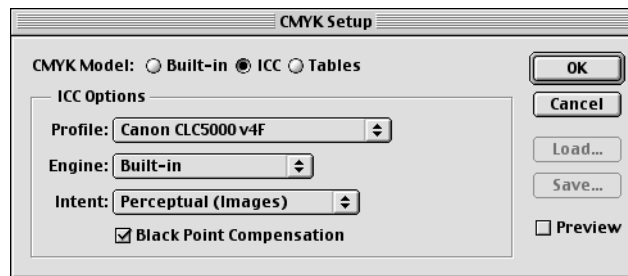
5. **Click OK.**

Loading the ICC copier profile

The ICC copier profile enables RGB-to-CMYK conversions that are specific to the kind of copier you are using.

TO LOAD THE ICC COPIER PROFILE IN PHOTOSHOP 5.X:

1. Launch Photoshop.
2. From the File menu, choose Color Settings, and from the Color Settings submenu, choose CMYK Setup.
3. In the CMYK Setup dialog box, choose ICC as the CMYK color model.
4. Select the profile that corresponds to the ColorPASS from the Profile pop-up menu.



5. Click OK.

For more information about ICC profiles, see your application's documentation.

Downloading Installers with Fiery WebTools

Fiery WebTools allow you to manage your ColorPASS remotely from the Internet or from your company's intranet. The ColorPASS has its own home page, from which you are able to select from a variety of functions including Status, WebSpooler, WebLink, and Installer.

NOTE: Fiery WebTools are not supported on Mac OS.

For more information on using Fiery WebTools, see the *Printing Guide*.

Setting up Fiery WebTools

In order for network users to access and use Fiery WebTools, you need to set certain ColorPASS options in Network Setup and Printer Setup. You also need to prepare each user's workstation to communicate with the ColorPASS over the Internet or intranet.

For more information about Network Setup, see the *Configuration Guide*.

TO SET UP FIERY WEBTOOLS ON THE COLORPASS:

1. Set Enable Ethernet to Yes in Network Setup>Port Setup>Ethernet Port Setup.
2. Set Enable TCP/IP for Ethernet to Yes in Network Setup>TCP/IP Ethernet Setup.
3. Set Enable Web Services to Yes in Network Setup>Network Service Setup>Web Services Setup.
4. Exit Network Setup, and choose OK to Save Changes.
5. Exit Printer Setup, and choose OK to Save Changes.

TO SET UP CLIENT WORKSTATIONS TO USE FIERY WEBTOOLS:

1. **Enable TCP/IP networking.**
2. **Make sure the workstation has a valid, unique IP address.**
3. **Make sure the workstation is installed with one of the following Internet browsers:**
Windows 95/98/Me, Windows 2000, and Windows NT 4.0—Either Netscape Communicator v4.5 or later *or* Microsoft Internet Explorer v4.0.1 and SP1, or later.
Mac OS—Netscape Communicator v4.5 or later, or Internet Explorer v4.0.1 or later, with Java enabled.

NOTE: Netscape and Microsoft continue to release frequent updates to their browsers. As support cannot be guaranteed for all versions, use the versions specified above for best results.

4. **Make sure Java is enabled in your Internet browser.**

For more information on setting up the ColorPASS and your network, see the *Configuration Guide*.

Using the Installer WebTool

The Installer WebTool allows you to easily download printer drivers or Fiery Link directly from the ColorPASS to your workstation.

TO DOWNLOAD THE PRINTER FILES OR FIERY LINK WITH THE INSTALLER WEBTOOL:

1. **Launch your Internet or intranet browser and enter the DNS name or IP address of the ColorPASS.**
2. **Select a login level, enter a password if necessary, and click OK.**

No password is required to log in as Guest. You have full access to the Installer WebTool when logged in as Guest.

3. Click the Installer button.



4. Under the name of your operating system, click “Printer Files” or “Fiery Link.”

A dialog box appears, prompting you to save the file to the location you choose.

5. Browse to the location where you want to save the Prntdrv.exe file or the Fiery Link.exe file and click Save.

6. Double-click the Prntdrv.exe file or the Fiery Link.exe file, browse to the location where you want to install the folder, and click Next.

The folder is installed to the location you specified.

7. Install the appropriate printer driver for your operating system.

For instructions on installing the printer driver for:	See:
Windows 95/98/Me	“To install the PostScript printer driver for Windows 95/98/Me” on page 2.
Windows NT 4.0	“To install the PostScript printer driver for Windows NT 4.0” on page 16.
Windows 2000	“To install the PostScript printer driver for Windows 2000” on page 21.

Troubleshooting

This chapter provides troubleshooting tips.

On a Windows computer

Setting up printing on Windows NT or Windows 2000 Workstations

If you have problems installing the ColorPASS with Windows NT 4.0 and/or Windows 2000, try installing another PostScript printer (such as the Apple LaserWriter IIg), and then install the ColorPASS. Installing another printer insures that all files are properly installed and available. For instructions, see your Windows documentation.

For additional information about problems you may encounter using the PostScript Printer Driver for Windows NT 4.0, see the Adobe README file (readmeNT.wri) included in English\Prntdrv\Ps_drvr\Win_NT4x on the User Software CD. For Windows 2000, see your Windows 2000 documentation.

Reinstalling the Adobe PostScript Printer Driver on Windows 95/98/Me

If you are reinstalling the Adobe PostScript Printer Driver, delete any previous versions and related files before installing.

For additional information about problems you may encounter using the Adobe Printer Driver for Windows 95/98/Me, see the Adobe README file (readme9x.wri) included in English\Prntdrv\Ps_drvr\Win_9x on the User Software CD.

Problems with the Fiery utilities on Windows 95/98/Me, Windows NT 4.0, or Windows 2000

1. **If you are using Windows 95/98/Me, make sure that IPX/SPX and TCP/IP networking protocols are both enabled.**
See “Completing the Windows 95/98/Me IPX/SPX or IPX (Novell) connection” on page 8.
2. **If you are using Windows NT and/or Windows 2000, make sure the TCP/IP networking protocol is enabled.**
3. **Make sure that the connection is configured correctly for your site.**

To check the current configuration, launch a Fiery utility and choose Open from the File menu. Select the ColorPASS and click Modify to see current settings. If the settings are incorrect, you can change them in this dialog box.

On a Mac OS computer

Setting up the ColorPASS in the Chooser

If auto-setup does not work and you are prompted to select the PPD, select the appropriate ColorPASS file in your System folder:Extensions:Printer Descriptions folder.

Installing screen fonts

If you experience problems installing the PostScript screen fonts from the User Software CD to the System folder:Fonts folder, try the following:

1. **Quit all applications and close all windows.**
2. **Create a new folder and name it “Uninstalled Fonts.”**
This folder must be located outside of the System folder.
3. **Move fonts that you are not using from the System folder:Fonts folder to the Uninstalled Fonts folder.**
4. **Install the fonts from the User Software CD to a folder called CD fonts. Copy the fonts to the System folder:Fonts folder.**

5. **Create an alias to the System folder:Fonts folder and to the Uninstalled Fonts folder.**
6. **Place both aliases on your desktop.**
7. **When necessary, use the aliases to open both folders and move fonts between them.**

If you have any applications running, you must quit and relaunch them in order to view and use the newly installed fonts.

Alternately, you can try combining fonts from multiple suitcases into a single suitcase.

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